Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
Data File : FE052871.D
Signal(s) : FID1B.ch
Acq On : 19 Mar 2025 19:34
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 20 01:43:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
Quant Title : GC Extractables
QLast Update : Mon Mar 03 13:39:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9)	S ortho-Terphenyl (SURR)	11.905	3068967	18.204 ug/ml
Spiked Amount	50.000	Recovery	= 36.41%	
12)	S 1-chlorooctadecane (S...	13.350	2297714	18.923 ug/ml
Spiked Amount	50.000	Recovery	= 37.85%	
	Target Compounds			
1)	T n-Nonane (C9)	3.245	2784343	17.958 ug/ml
2)	T n-Decane (C10)	4.507	2912025	18.537 ug/ml
3)	T A~Naphthalene (C11.7)	6.221	3125914	18.432 ug/ml
4)	T n-Dodecane (C12)	6.688	2920784	18.759 ug/ml
5)	T A~2-methylnaphthalene...	7.324	3001731	18.523 ug/ml
6)	T n-Tetradecane (C14)	8.525	2882209	19.048 ug/ml
7)	T n-Hexadecane (C16)	10.140	2919243	19.094 ug/ml
8)	T n-Octadecane (C18)	11.589	2872325	18.879 ug/ml
10)	T n-Eicosane (C20)	12.903	2717864	18.721 ug/ml
11)	T n-Heneicosane (C21)	13.518	2647779	18.603 ug/ml
13)	T n-Docosane (C22)	14.106	2649952	18.621 ug/ml
14)	T n-Tetracosane (C24)	15.213	2735438	19.114 ug/ml
15)	T n-Hexacosane (C26)	16.238	2726696	19.176 ug/ml
16)	T n-Octacosane (C28)	17.190	2844170	20.002 ug/ml
17)	T n-Tricontane (C30)	18.080	3147349	21.309 ug/ml
18)	T n-Dotriacontane (C32)	18.915	3162792	21.785 ug/ml
19)	T n-Tetratriacontane (C34)	19.700	2872804	21.315 ug/ml
20)	T n-Hexatriacontane (C36)	20.443	2543188	21.403 ug/ml
21)	T n-Octatriacontane (C38)	21.184	2329876	21.002 ug/ml
22)	T n-Tetracontane (C40)	22.105	2199046	20.340 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Operator : YP\AJ
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Misc :
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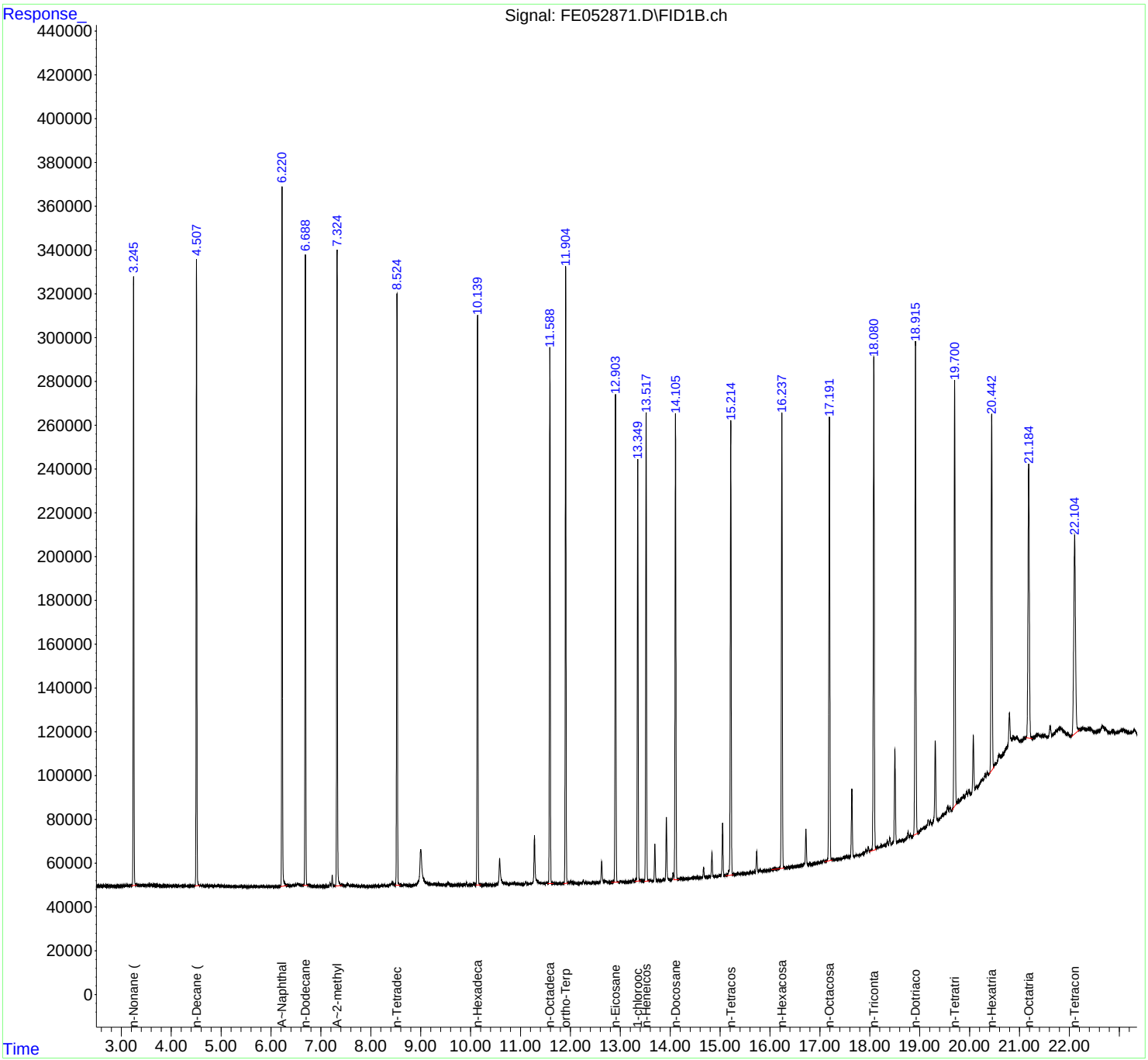
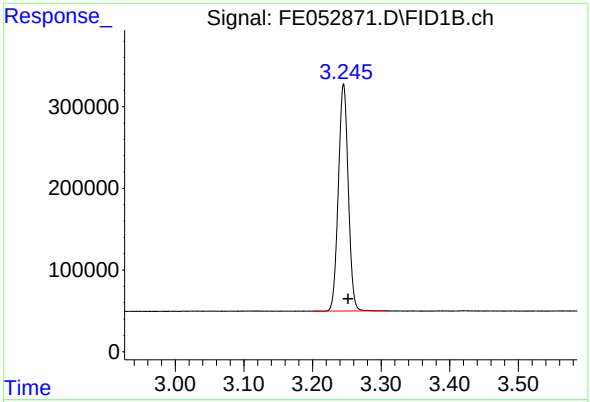
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

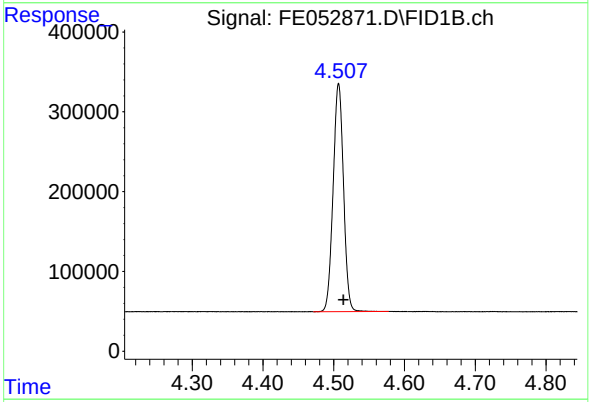




#1 n-Nonane (C9)

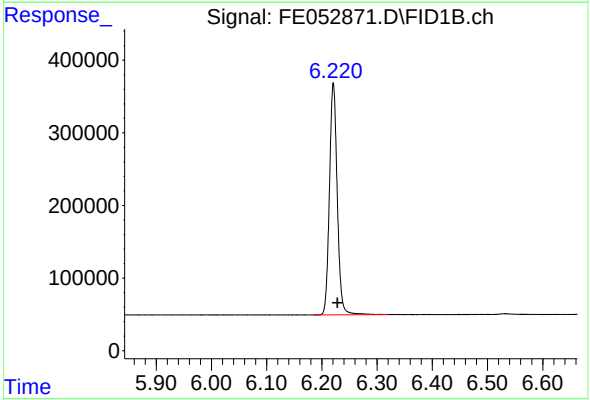
R.T.: 3.245 min
Delta R.T.: -0.007 min
Response: 2784343
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



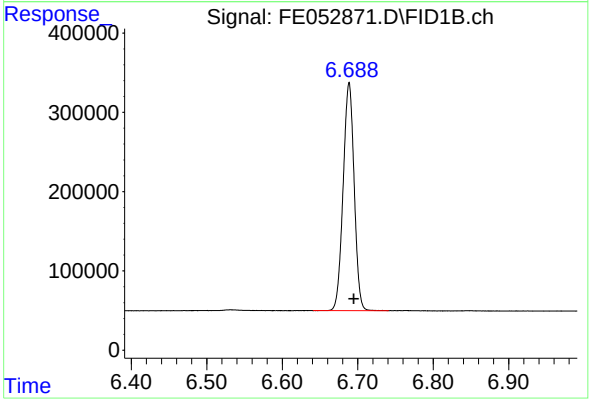
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 2912025
Conc: 18.54 ug/ml



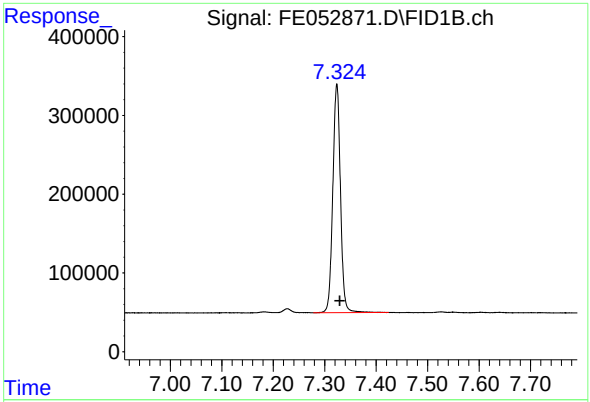
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 3125914
Conc: 18.43 ug/ml



#4 n-Dodecane (C12)

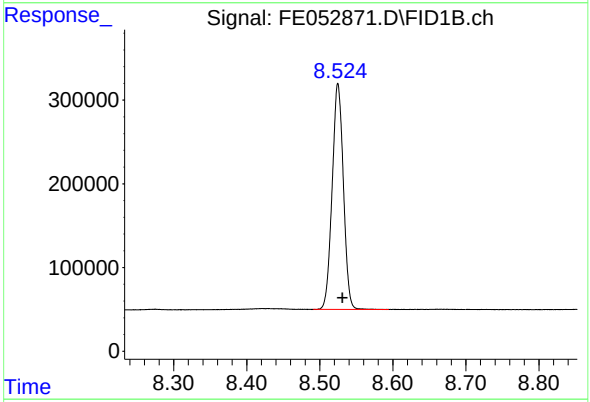
R.T.: 6.688 min
Delta R.T.: -0.006 min
Response: 2920784
Conc: 18.76 ug/ml



#5 A~2-methylnaphthalene (C12.89)

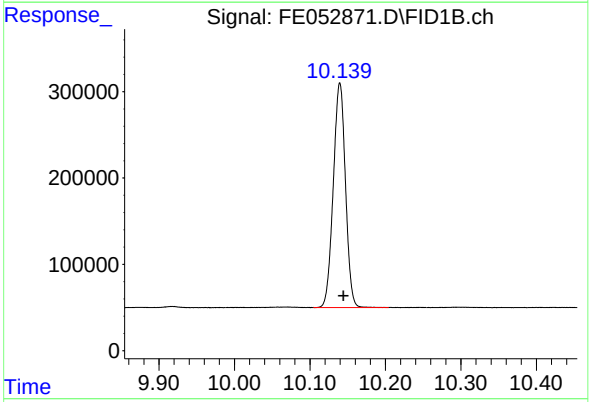
R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 3001731
Conc: 18.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



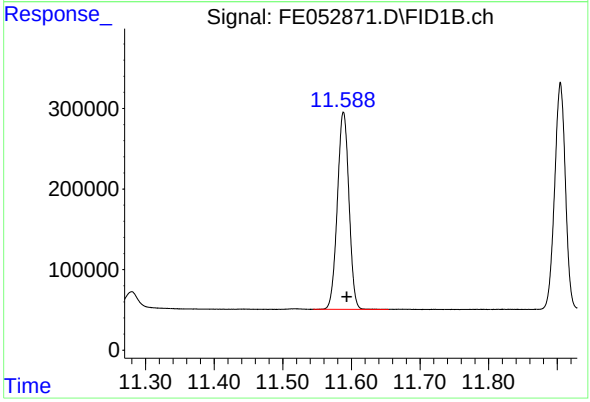
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.006 min
Response: 2882209
Conc: 19.05 ug/ml



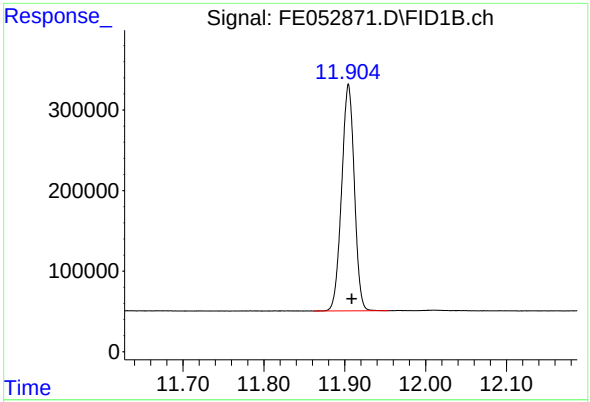
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.005 min
Response: 2919243
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

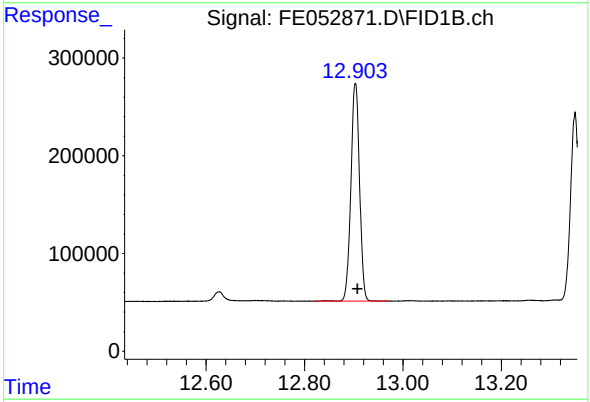
R.T.: 11.589 min
Delta R.T.: -0.005 min
Response: 2872325
Conc: 18.88 ug/ml



#9 ortho-Terphenyl (SURR)

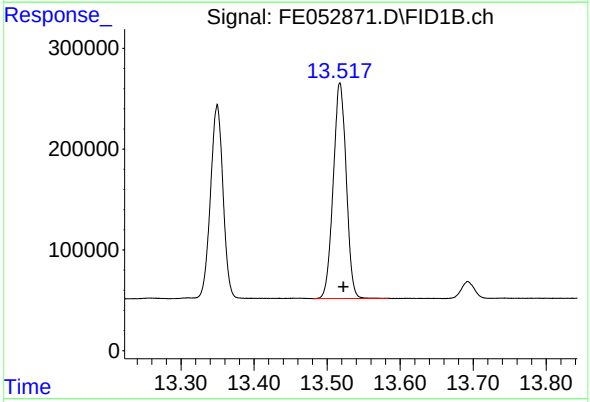
R.T.: 11.905 min
Delta R.T.: -0.004 min
Response: 3068967
Conc: 18.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



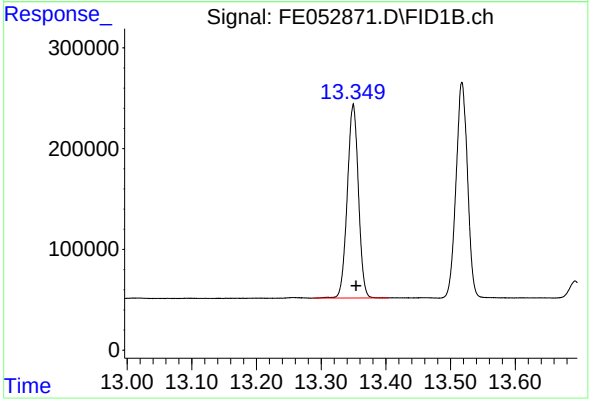
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.004 min
Response: 2717864
Conc: 18.72 ug/ml



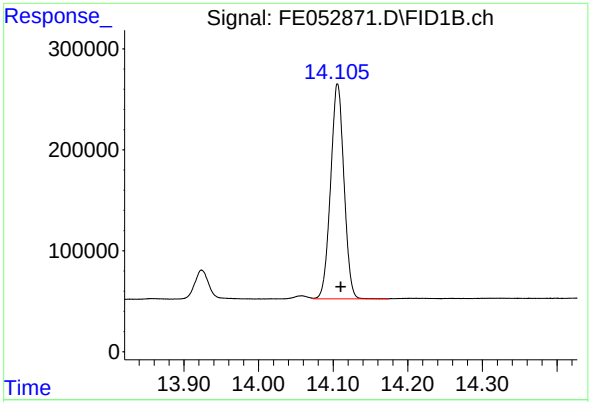
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 2647779
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

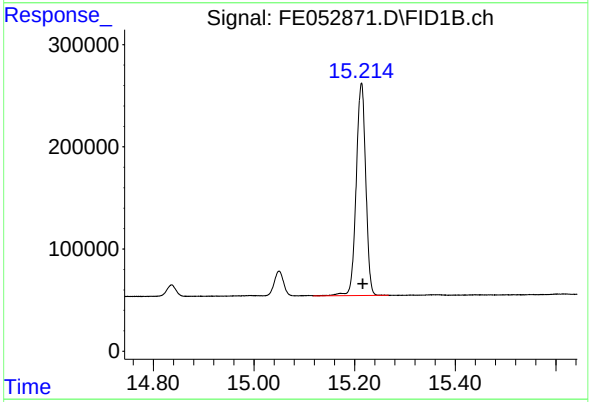
R.T.: 13.350 min
Delta R.T.: -0.005 min
Response: 2297714
Conc: 18.92 ug/ml



#13 n-Docosane (C22)

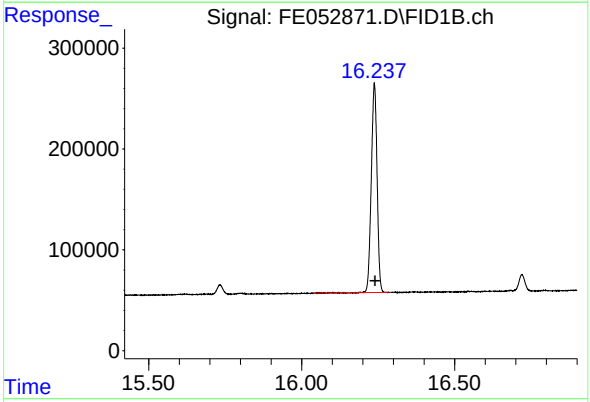
R.T.: 14.106 min
Delta R.T.: -0.004 min
Response: 2649952
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



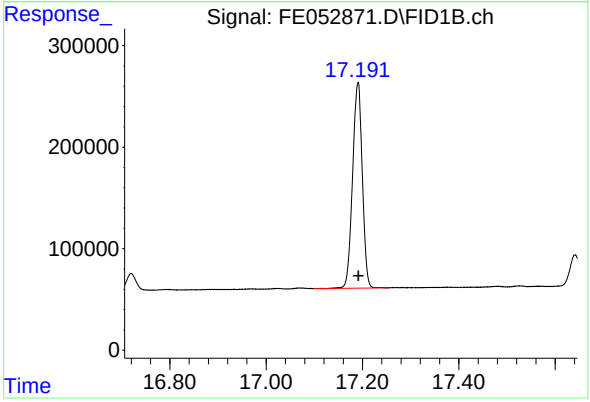
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.003 min
Response: 2735438
Conc: 19.11 ug/ml



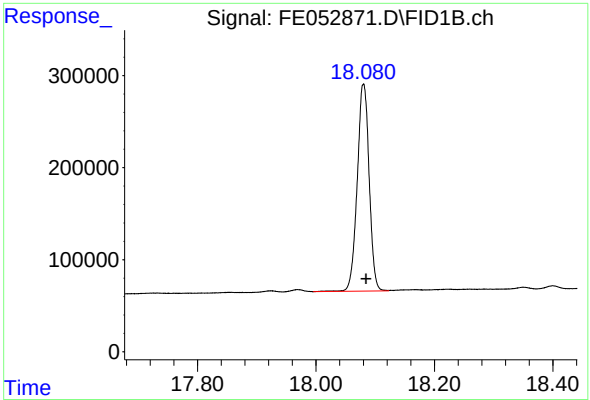
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 2726696
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

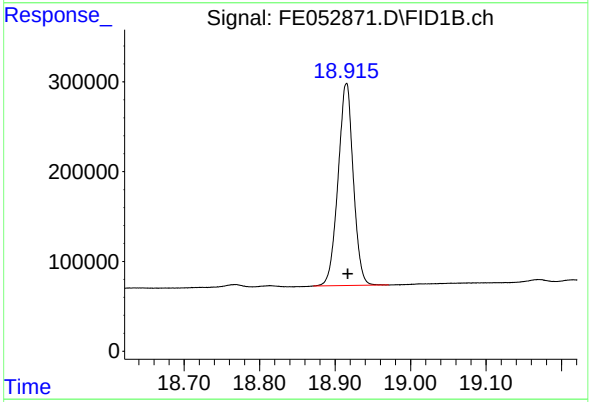
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 2844170
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

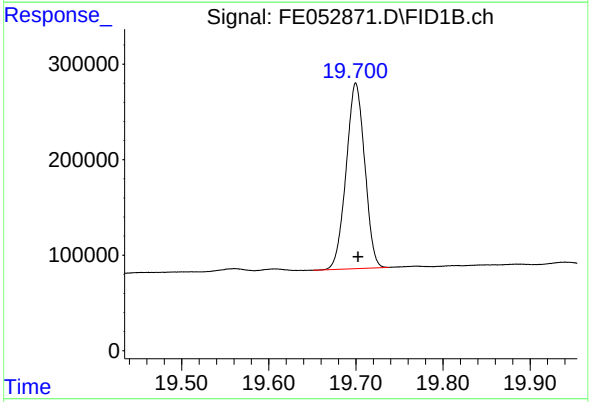
R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 3147349
Conc: 21.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



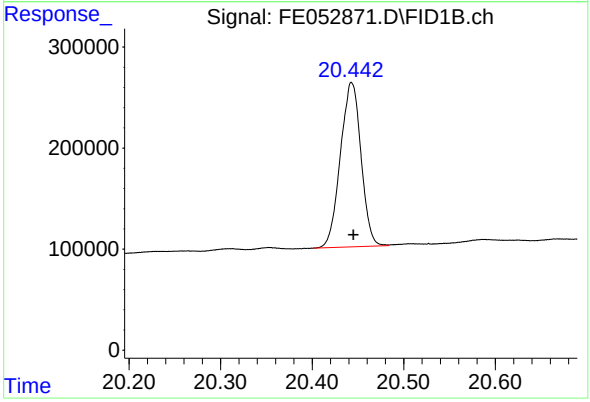
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 3162792
Conc: 21.79 ug/ml



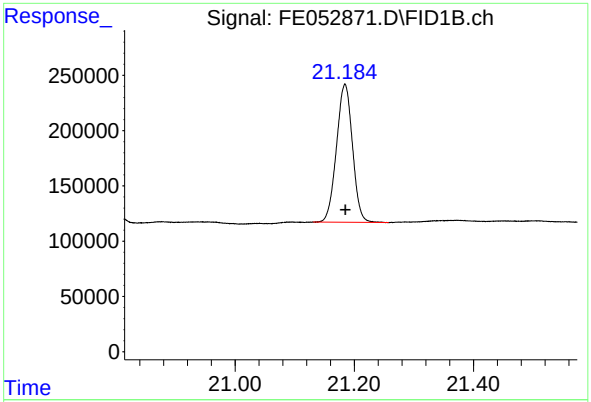
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.003 min
Response: 2872804
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 2543188
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 2329876
Conc: 21.00 ug/ml

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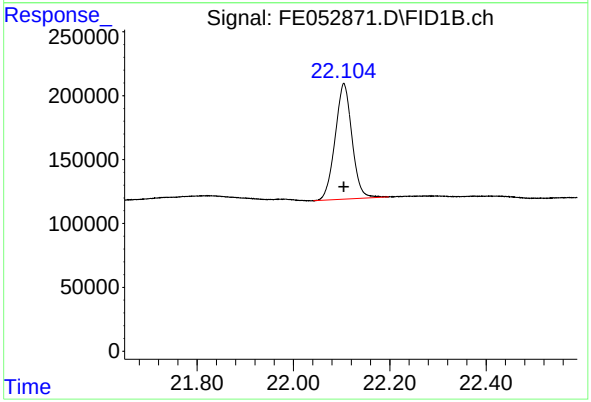
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 2199046
Conc: 20.34 ug/ml