

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120524AL\
 Data File : FE051541.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2024 07:02
 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: Dec 06 02:02:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.828	2994033	19.813 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.261	2263375	20.254 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.220	2738862	19.542 ug/ml
2) T n-Decane (C10)	4.467	2783322	19.627 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2556018	19.335 ug/ml
4) T n-Dodecane (C12)	6.634	2809279	19.736 ug/ml
5) T A~2-methylnaphthalene...	7.279	2297428	19.151 ug/ml
6) T n-Tetradecane (C14)	8.461	2761141	19.807 ug/ml
7) T n-Hexadecane (C16)	10.066	2828681	19.909 ug/ml
8) T n-Octadecane (C18)	11.507	2854027	19.860 ug/ml
10) T n-Eicosane (C20)	12.814	2746376	19.895 ug/ml
11) T n-Heneicosane (C21)	13.425	2696729	19.895 ug/ml
13) T n-Docosane (C22)	14.011	2659158	19.859 ug/ml
14) T n-Tetracosane (C24)	15.112	2624978	19.866 ug/ml
15) T n-Hexacosane (C26)	16.132	2585209	19.936 ug/ml
16) T n-Octacosane (C28)	17.081	2554666	20.037 ug/ml
17) T n-Tricontane (C30)	17.967	2622432	20.253 ug/ml
18) T n-Dotriacontane (C32)	18.800	2570602	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.582	2284569	20.228 ug/ml
20) T n-Hexatriacontane (C36)	20.321	2005036	20.819 ug/ml
21) T n-Octatriacontane (C38)	21.042	1874922	20.593 ug/ml
22) T n-Tetracontane (C40)	21.917	1824480	20.819 ug/ml

(f)=RT Delta > 1/2 Window

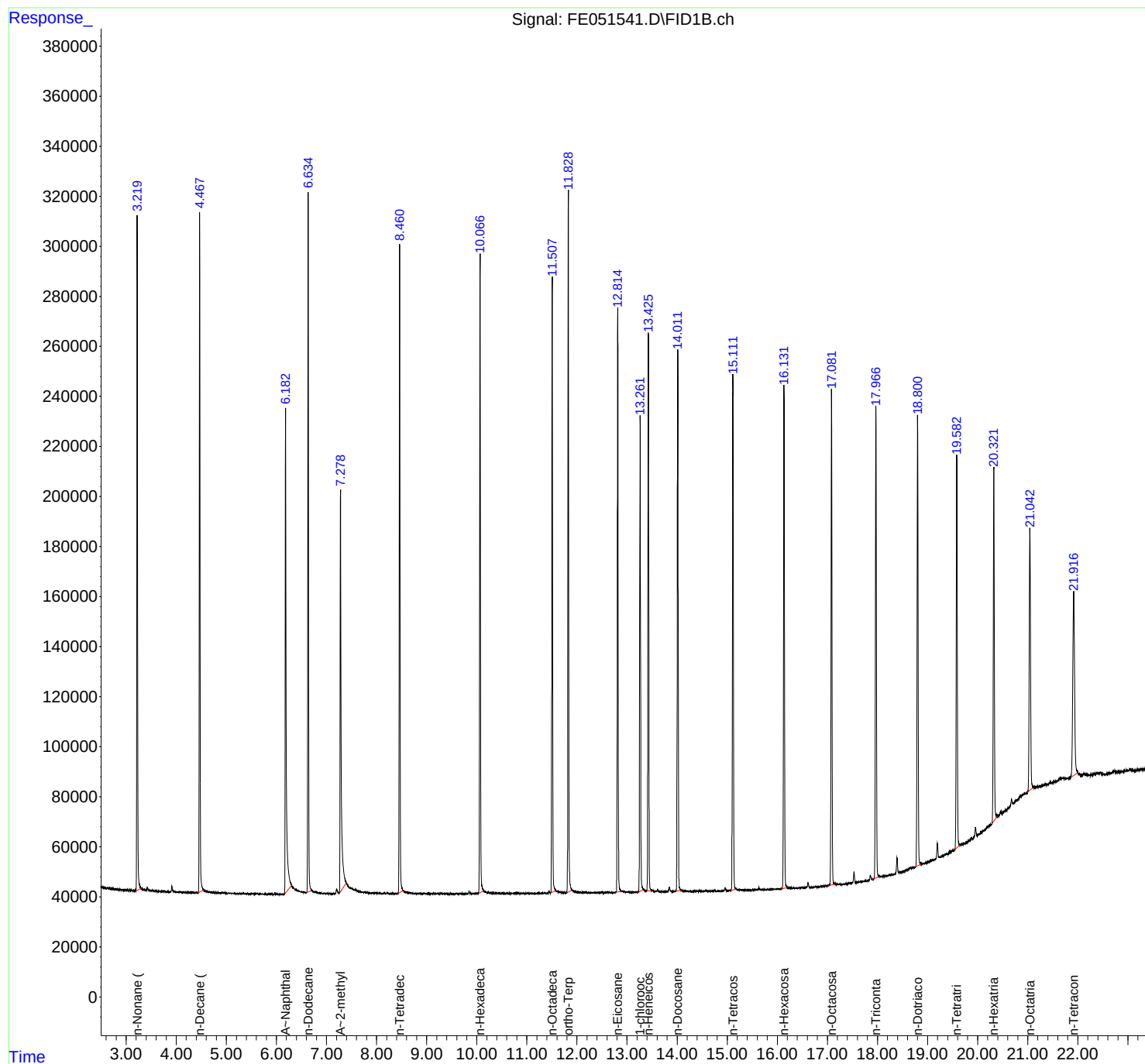
(m)=manual int.

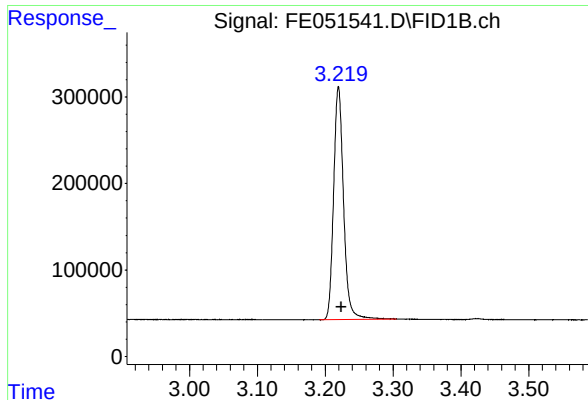
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120524AL\
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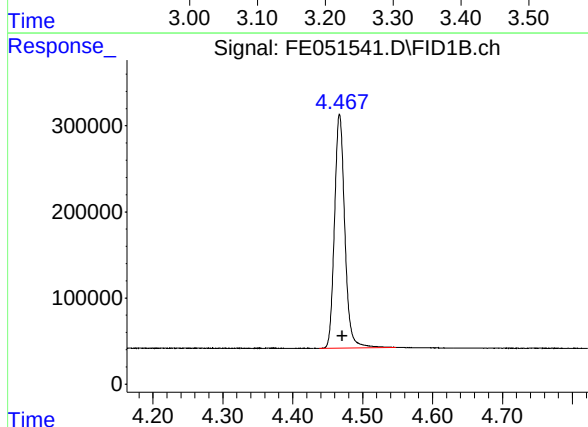




#1 n-Nonane (C9)

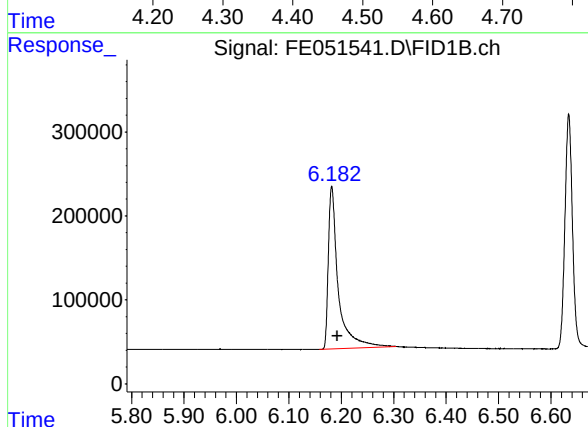
R.T.: 3.220 min
Delta R.T.: -0.004 min
Response: 2738862
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



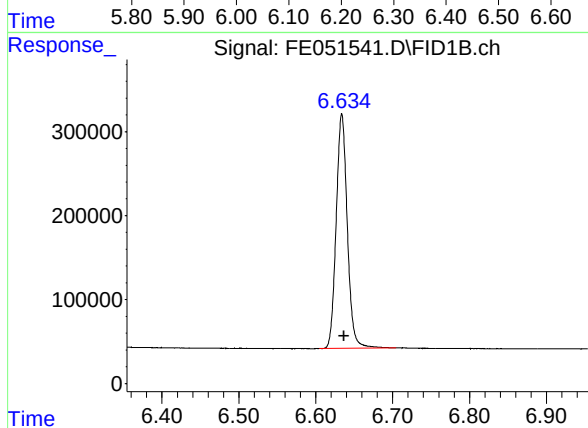
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 2783322
Conc: 19.63 ug/ml



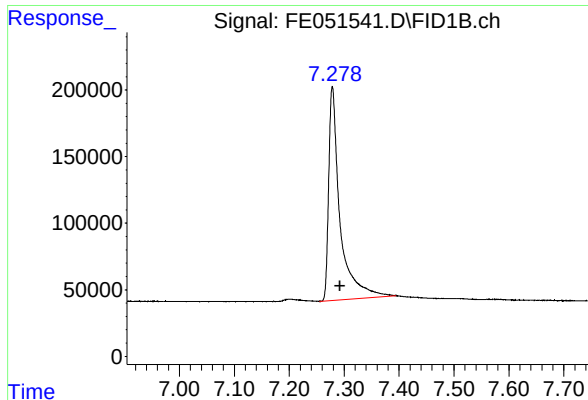
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.010 min
Response: 2556018
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

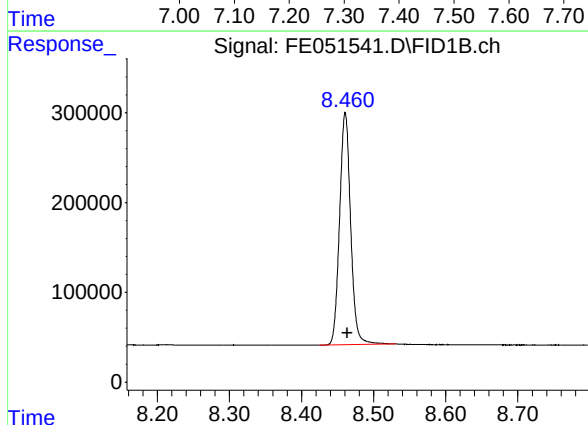
R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 2809279
Conc: 19.74 ug/ml



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

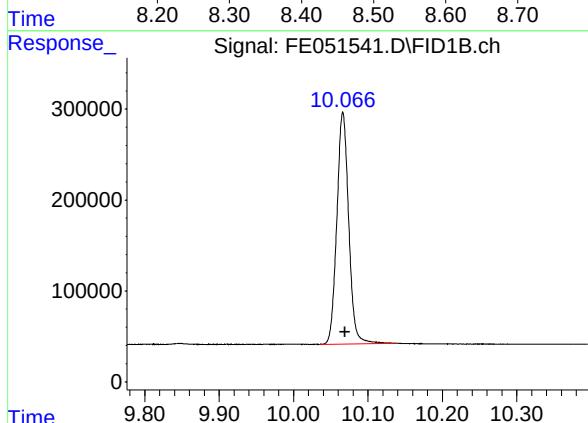
R.T.: 7.279 min
Delta R.T.: -0.013 min
Response: 2297428
Conc: 19.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



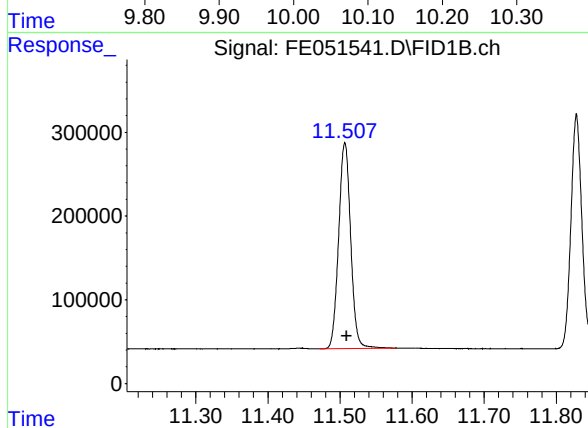
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.003 min
Response: 2761141
Conc: 19.81 ug/ml



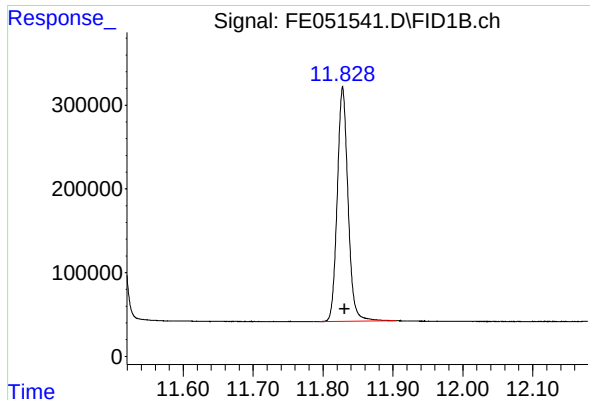
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 2828681
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

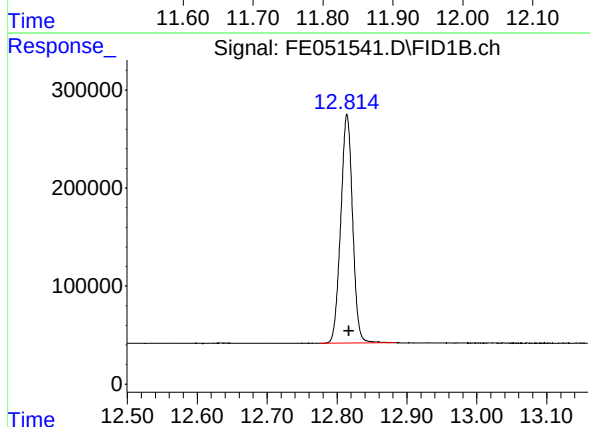
R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 2854027
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

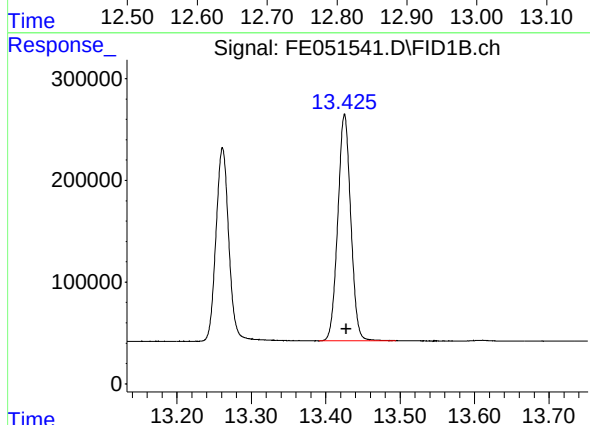
R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 2994033
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



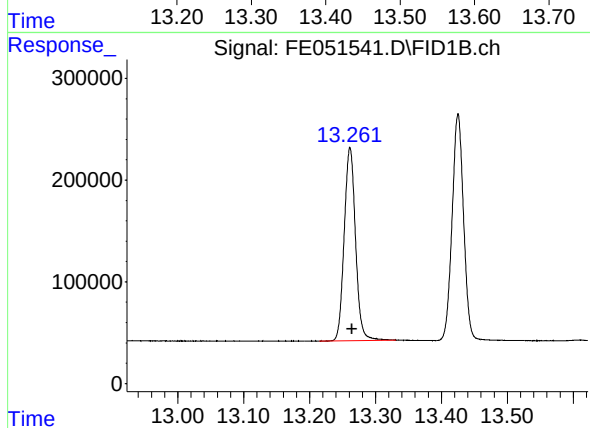
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 2746376
Conc: 19.90 ug/ml



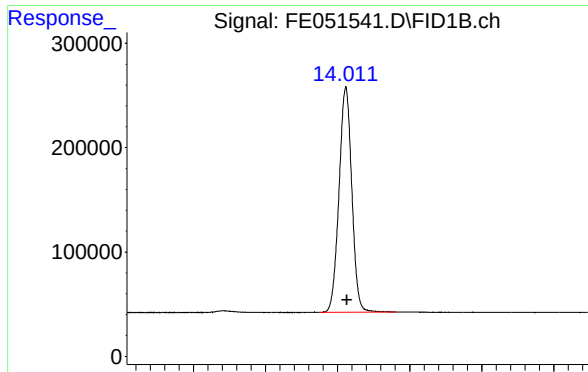
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.002 min
Response: 2696729
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

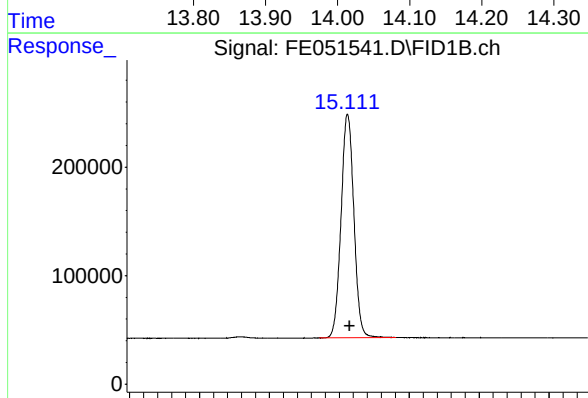
R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 2263375
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

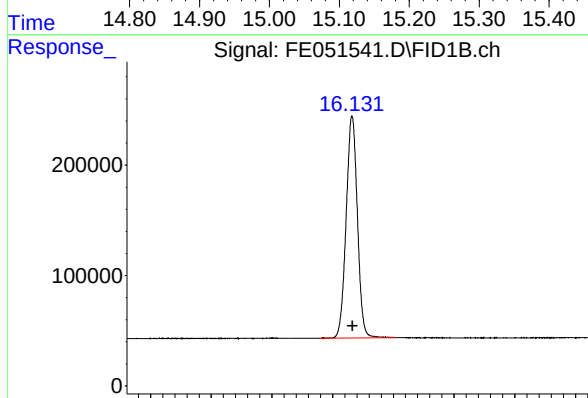
R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 2659158
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



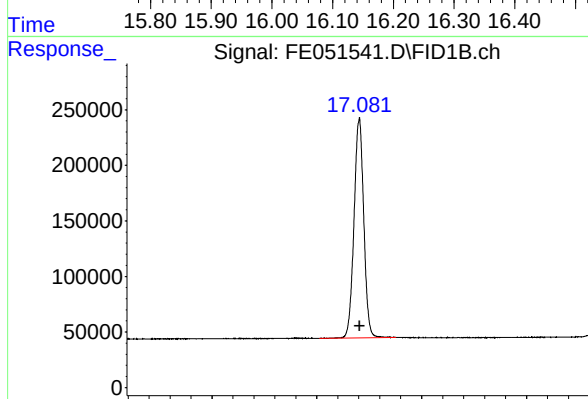
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.003 min
Response: 2624978
Conc: 19.87 ug/ml



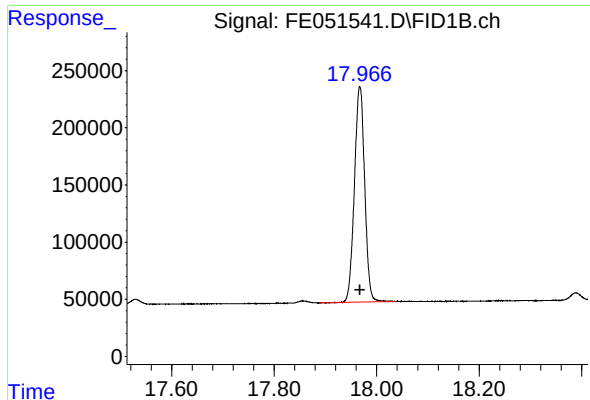
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.001 min
Response: 2585209
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

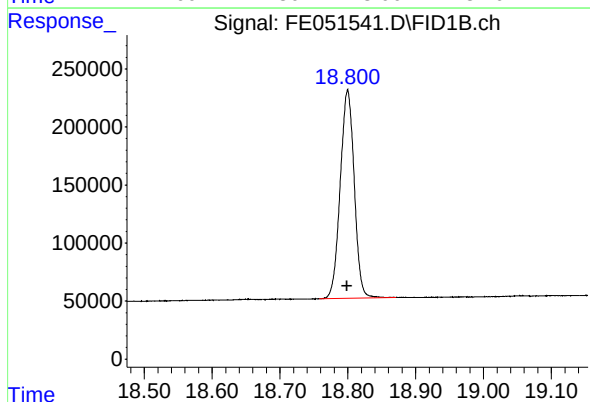
R.T.: 17.081 min
Delta R.T.: -0.001 min
Response: 2554666
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

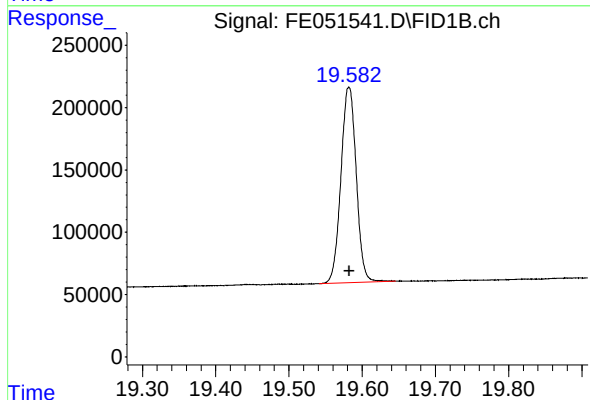
R.T.: 17.967 min
Delta R.T.: 0.000 min
Response: 2622432
Conc: 20.25 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



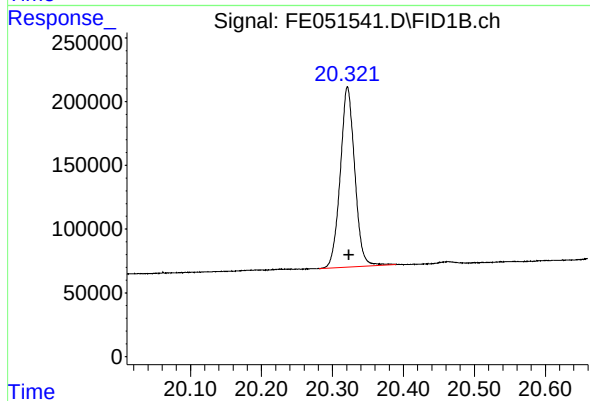
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.001 min
Response: 2570602
Conc: 20.53 ug/ml



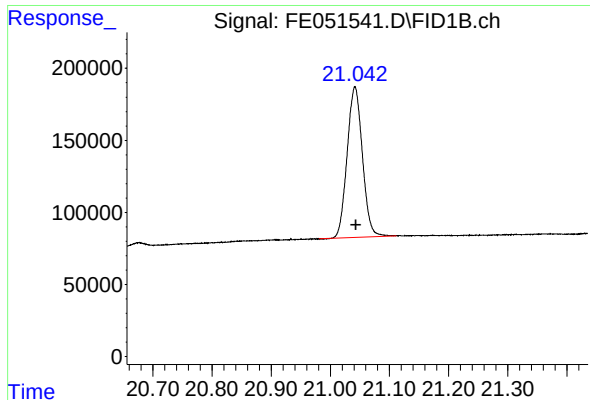
#19 n-Tetatriacontane (C34)

R.T.: 19.582 min
Delta R.T.: 0.000 min
Response: 2284569
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

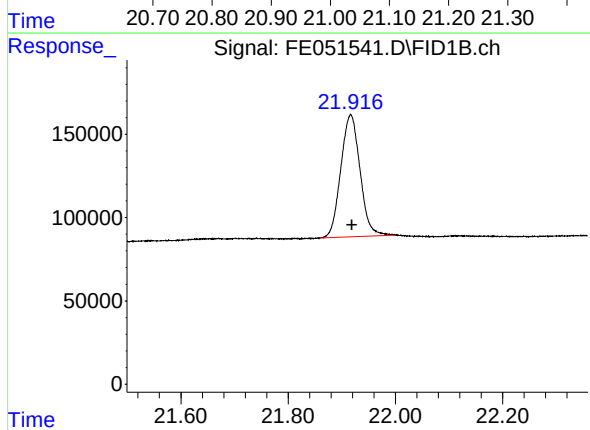
R.T.: 20.321 min
Delta R.T.: -0.002 min
Response: 2005036
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: -0.002 min
Response: 1874922
Conc: 20.59 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.003 min
Response: 1824480
Conc: 20.82 ug/ml