

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053813.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 12:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 14 12:57:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.850	3413619	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	13.295	2500324	21.091 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T n-Nonane (C9)	3.201	2840477	21.017 ug/ml
2) T n-Decane (C10)	4.462	2845724	21.059 ug/ml
3) T A~Naphthalene (C11.7)	6.174	3077733	21.416 ug/ml
4) T n-Dodecane (C12)	6.642	2883394	21.138 ug/ml
5) T A~2-methylnaphthalene...	7.276	2959846	21.339 ug/ml
6) T n-Tetradecane (C14)	8.477	2848811	21.110 ug/ml
7) T n-Hexadecane (C16)	10.090	2849304	21.116 ug/ml
8) T n-Octadecane (C18)	11.537	2838941	21.082 ug/ml
10) T n-Eicosane (C20)	12.849	2781635	21.165 ug/ml
11) T n-Heneicosane (C21)	13.462	2735043	21.097 ug/ml
13) T n-Docosane (C22)	14.051	2739221	21.471 ug/ml
14) T n-Tetracosane (C24)	15.155	2780446	22.223 ug/ml
15) T n-Hexacosane (C26)	16.178	2752523	22.478 ug/ml
16) T n-Octacosane (C28)	17.130	2740949	22.547 ug/ml
17) T n-Tricontane (C30)	18.019	2774148	22.271 ug/ml
18) T n-Dotriacontane (C32)	18.853	2741566	21.923 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2579599	21.655 ug/ml
20) T n-Hexatriacontane (C36)	20.380	2437142	21.048 ug/ml
21) T n-Octatriacontane (C38)	21.111	2329830	21.409 ug/ml
22) T n-Tetracontane (C40)	22.009	2189291	22.063 ug/ml

(f)=RT Delta > 1/2 Window

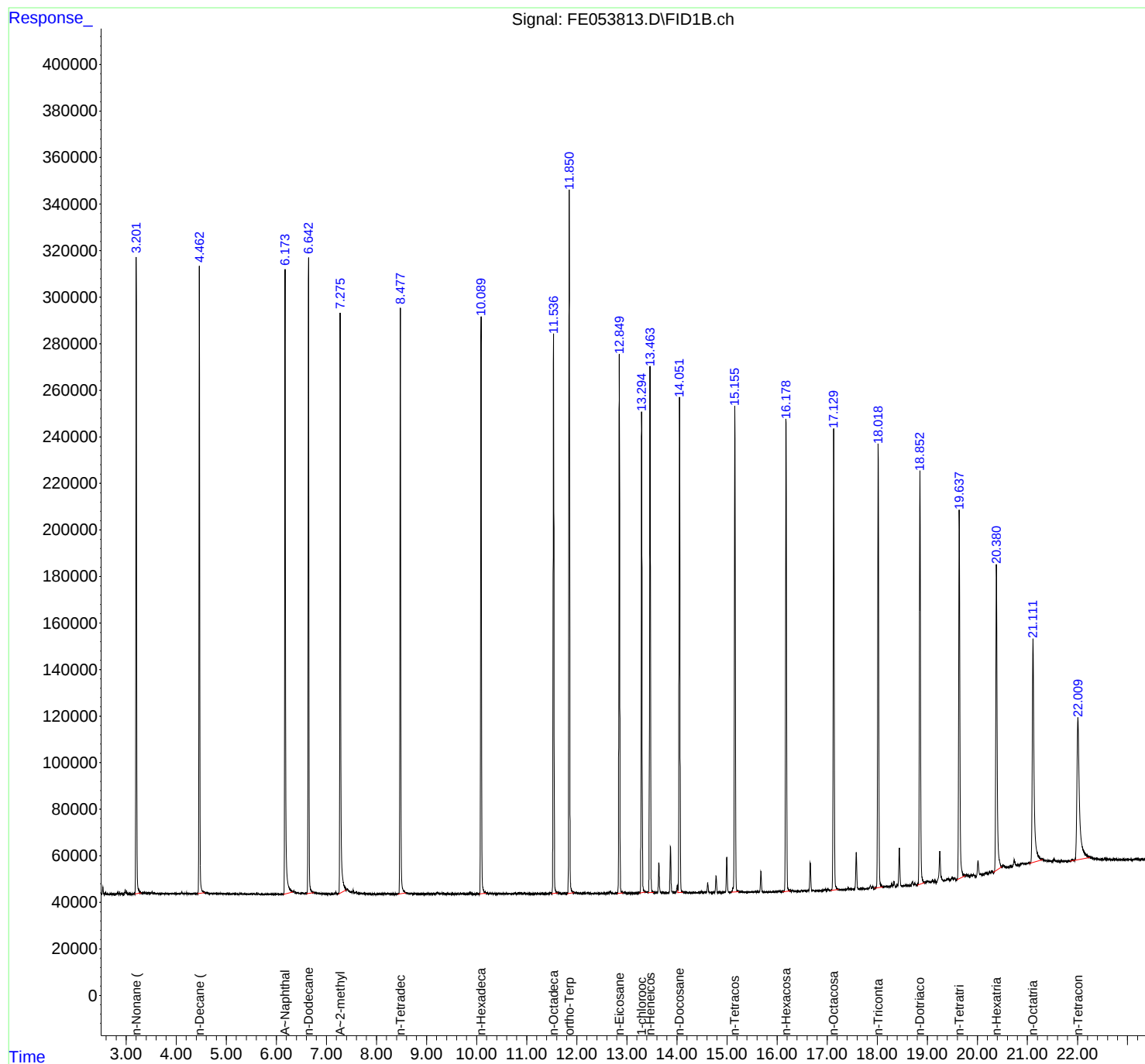
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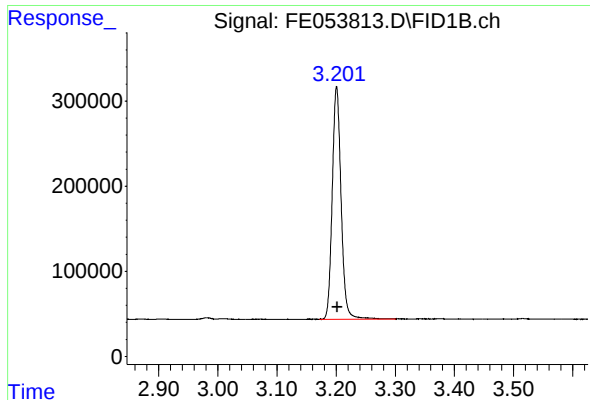
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
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#1 n-Nonane (C9)

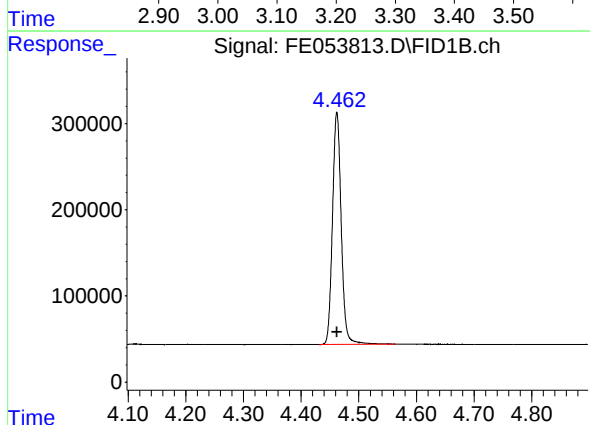
R.T.: 3.201 min
Delta R.T.: -0.001 min
Response: 2840477
Conc: 21.02 ug/ml

Instrument :

FID_E

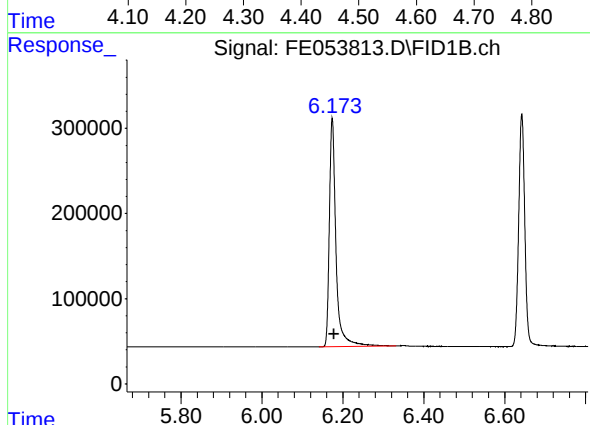
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



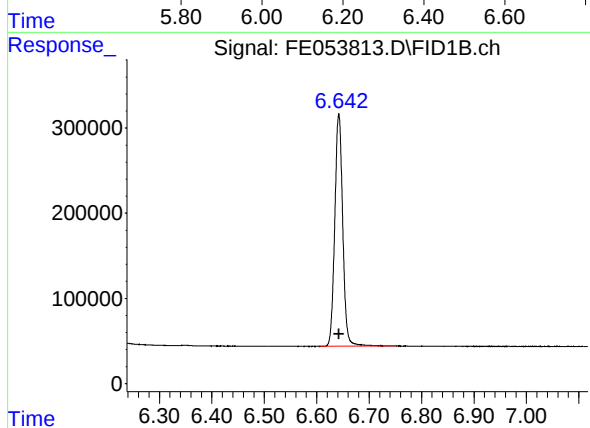
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 2845724
Conc: 21.06 ug/ml



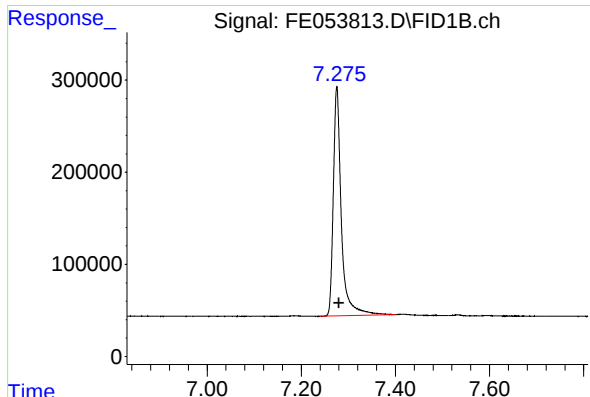
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 3077733
Conc: 21.42 ug/ml



#4 n-Dodecane (C12)

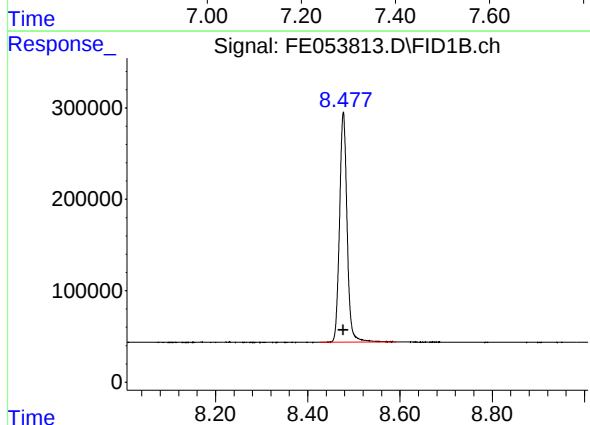
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 2883394
Conc: 21.14 ug/ml



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

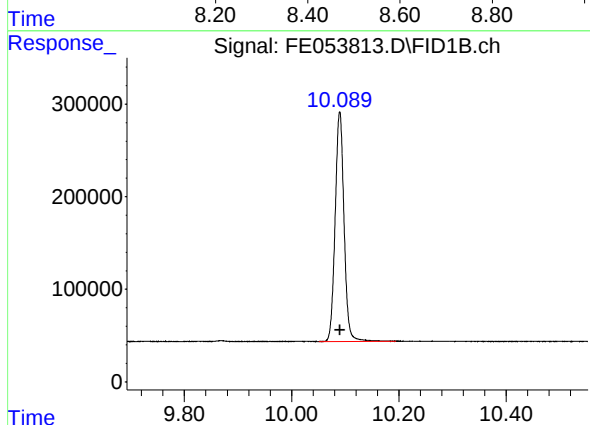
R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 2959846
Conc: 21.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD ICV



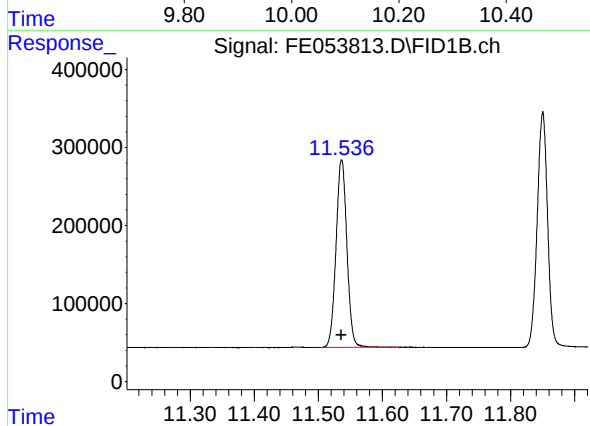
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 2848811
Conc: 21.11 ug/ml



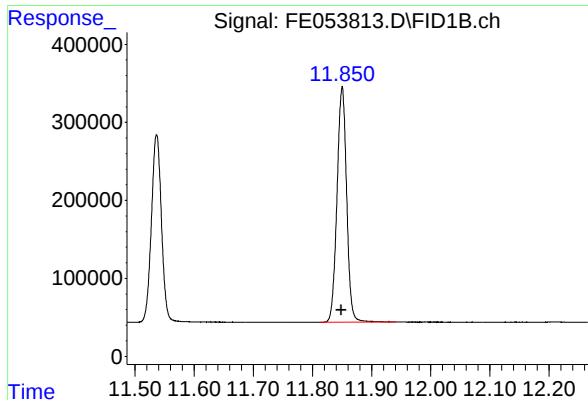
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 2849304
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.000 min
Response: 2838941
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

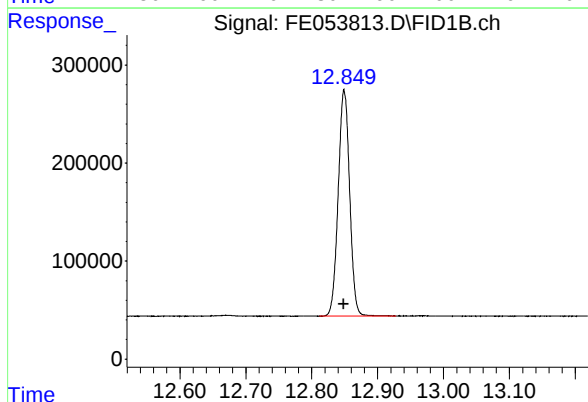
R.T.: 11.850 min
Delta R.T.: 0.002 min
Response: 3413619
Conc: 21.01 ug/ml

Instrument :

FID_E

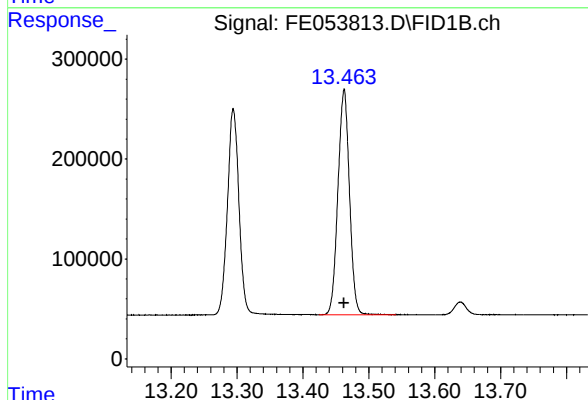
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



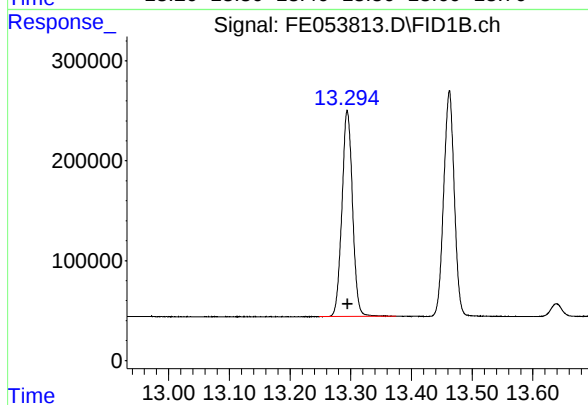
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 2781635
Conc: 21.16 ug/ml



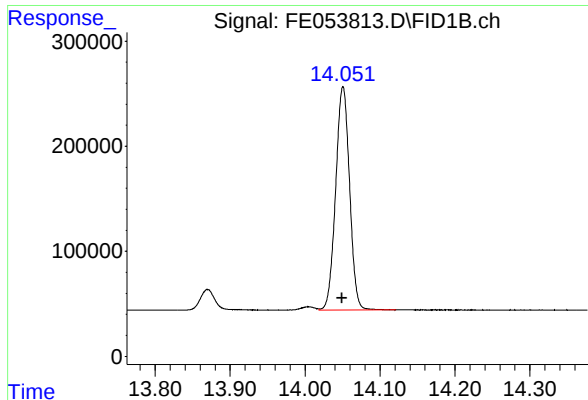
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2735043
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 2500324
Conc: 21.09 ug/ml



#13 n-Docosane (C22)

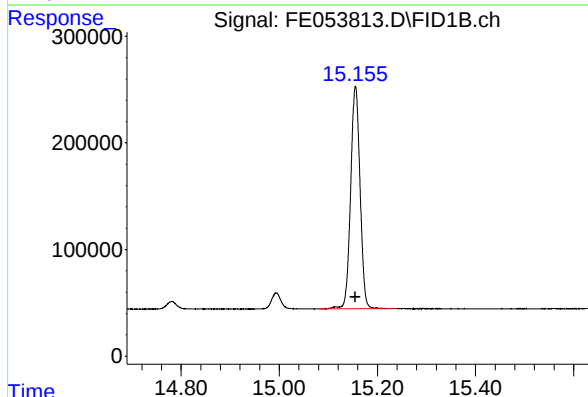
R.T.: 14.051 min
Delta R.T.: 0.001 min
Response: 2739221
Conc: 21.47 ug/ml

Instrument :

FID_E

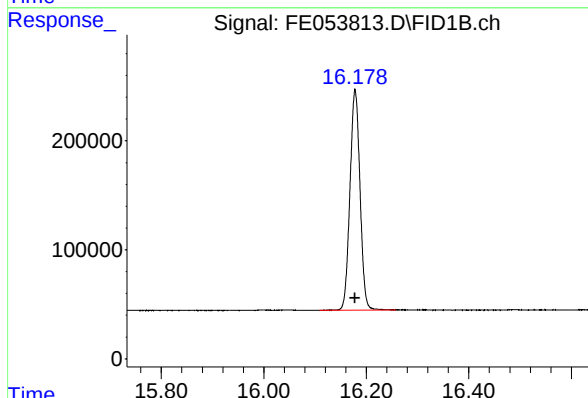
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



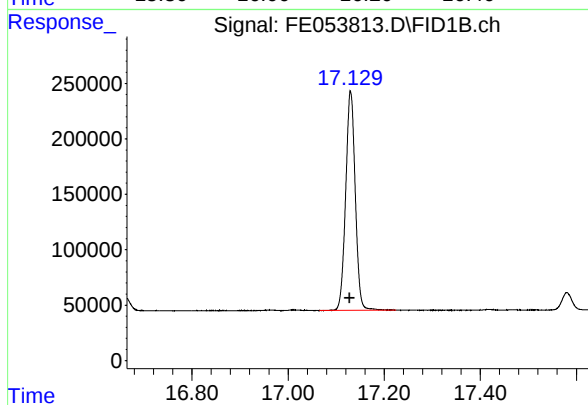
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: 0.000 min
Response: 2780446
Conc: 22.22 ug/ml



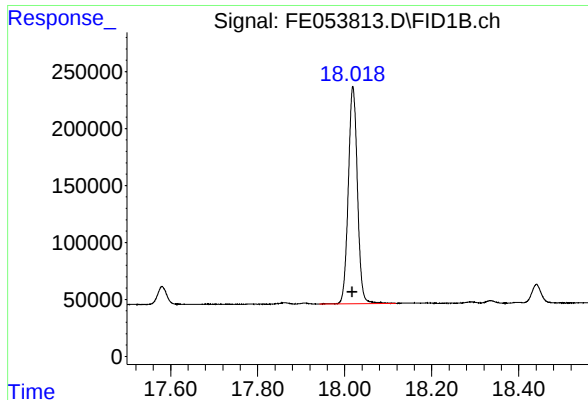
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 2752523
Conc: 22.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: 0.002 min
Response: 2740949
Conc: 22.55 ug/ml



#17 n-Tricontane (C30)

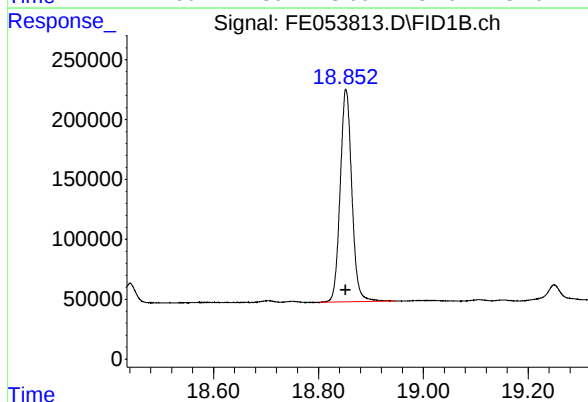
R.T.: 18.019 min
Delta R.T.: 0.001 min
Response: 2774148
Conc: 22.27 ug/ml

Instrument :

FID_E

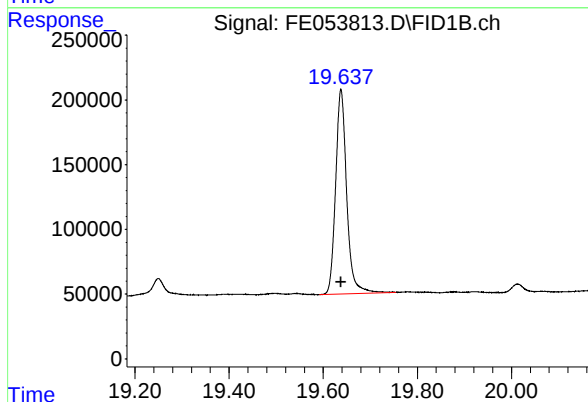
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



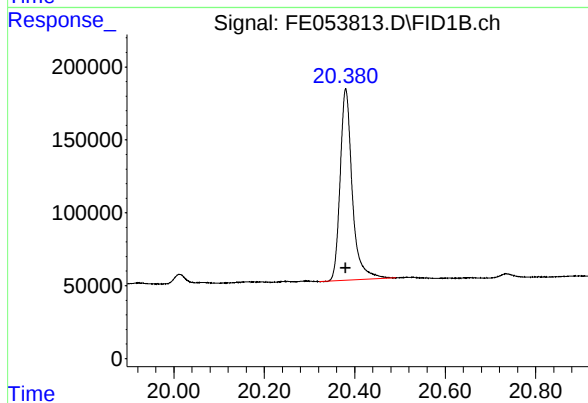
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 2741566
Conc: 21.92 ug/ml



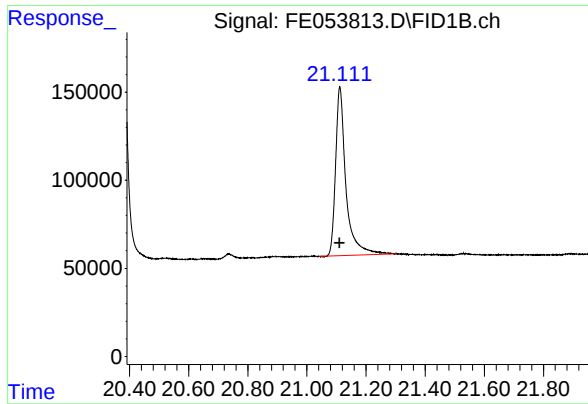
#19 n-Tetatriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 2579599
Conc: 21.66 ug/ml



#20 n-Hexatriacontane (C36)

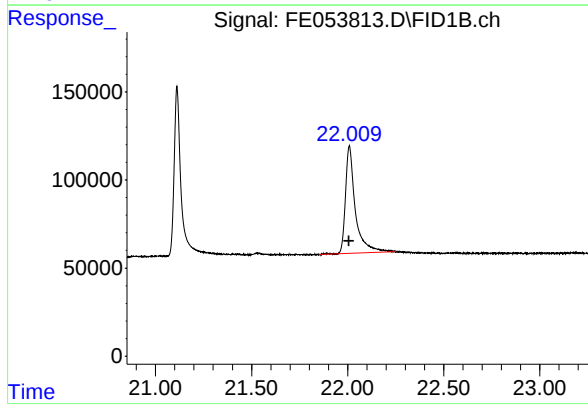
R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 2437142
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 2329830
Conc: 21.41 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.002 min
Response: 2189291
Conc: 22.06 ug/ml