

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
 Data File : FE054727.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2025 07:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 12:34:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.085	3244201	19.977 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.520	2477197	19.615 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T n-Nonane (C9)	3.423	2795632	20.784 ug/ml
2) T n-Decane (C10)	4.680	2904721	21.288 ug/ml
3) T A~Naphthalene (C11.7)	6.399	3237311	21.381 ug/ml
4) T n-Dodecane (C12)	6.856	2967153	21.625 ug/ml
5) T A~2-methylnaphthalene...	7.501	3145906	21.400 ug/ml
6) T n-Tetradecane (C14)	8.693	2976522	21.472 ug/ml
7) T n-Hexadecane (C16)	10.309	3043780	21.358 ug/ml
8) T n-Octadecane (C18)	11.758	3036178	20.717 ug/ml
10) T n-Eicosane (C20)	13.073	2908614	20.228 ug/ml
11) T n-Heneicosane (C21)	13.686	2803213	19.626 ug/ml
13) T n-Docosane (C22)	14.275	2894365	20.270 ug/ml
14) T n-Tetracosane (C24)	15.382	3028792	20.836 ug/ml
15) T n-Hexacosane (C26)	16.405	3123353	21.583 ug/ml
16) T n-Octacosane (C28)	17.358	3217945	22.080 ug/ml
17) T n-Tricontane (C30)	18.247	3360147	21.323 ug/ml
18) T n-Dotriacontane (C32)	19.081	3217741	19.889 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2853705	18.726 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2561366	19.050 ug/ml
21) T n-Octatriacontane (C38)	21.389	2871944	24.487 ug/ml
22) T n-Tetracontane (C40)	22.382	2418878	22.318 ug/ml

(f)=RT Delta > 1/2 Window

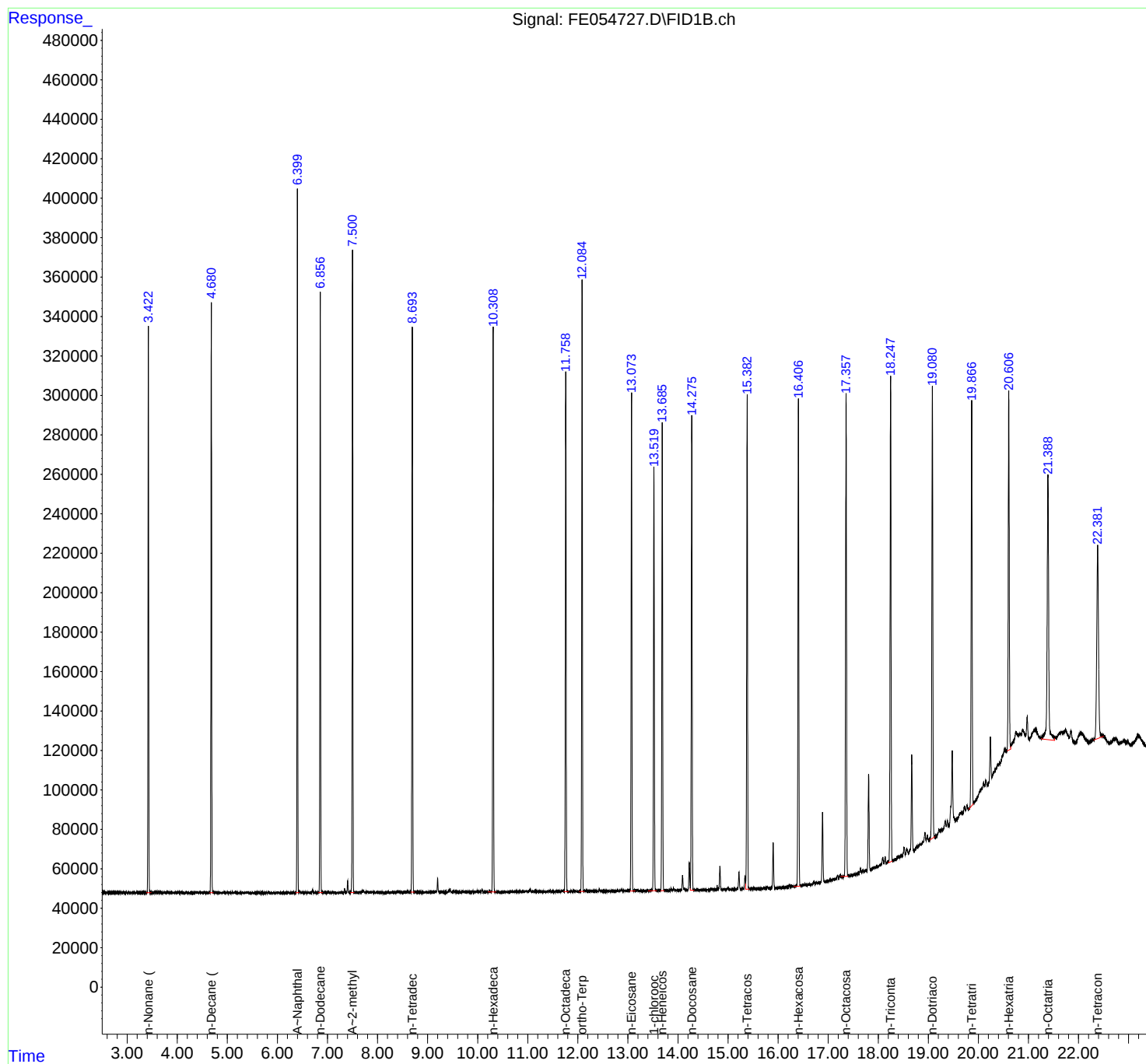
(m)=manual int.

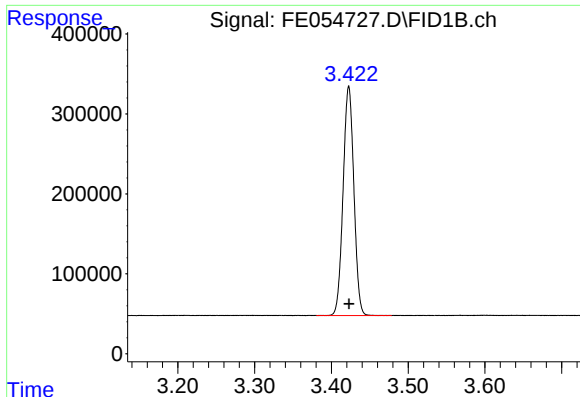
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070825AL\
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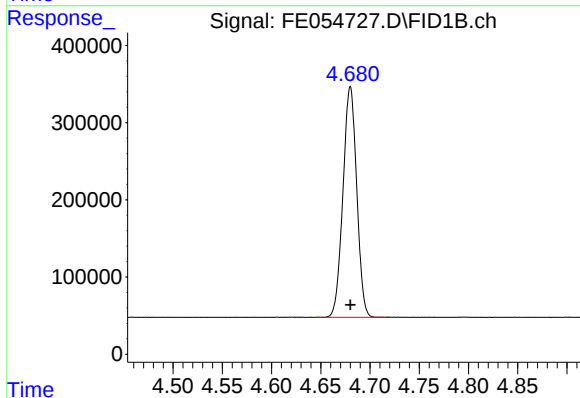




#1 n-Nonane (C9)

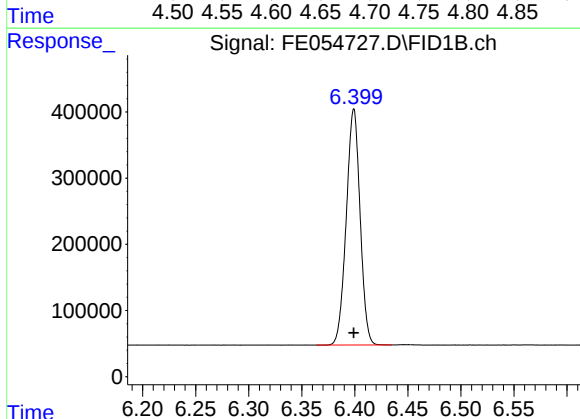
R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 2795632
Conc: 20.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



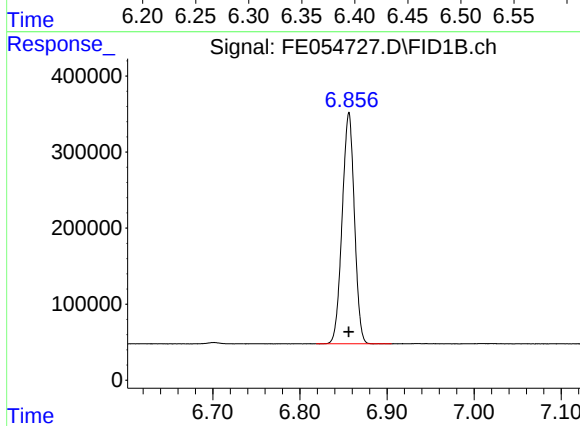
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2904721
Conc: 21.29 ug/ml



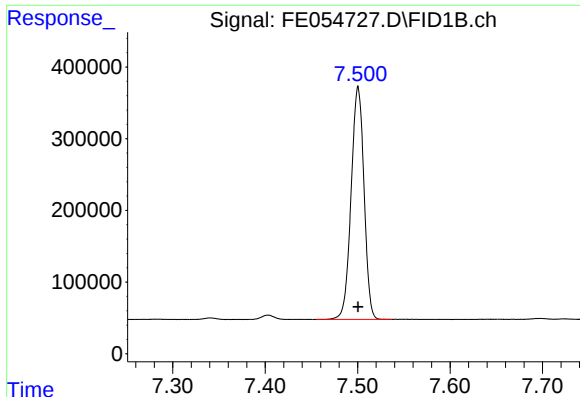
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 3237311
Conc: 21.38 ug/ml



#4 n-Dodecane (C12)

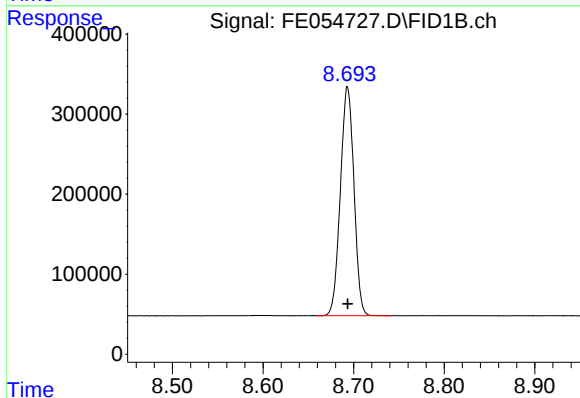
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 2967153
Conc: 21.63 ug/ml



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

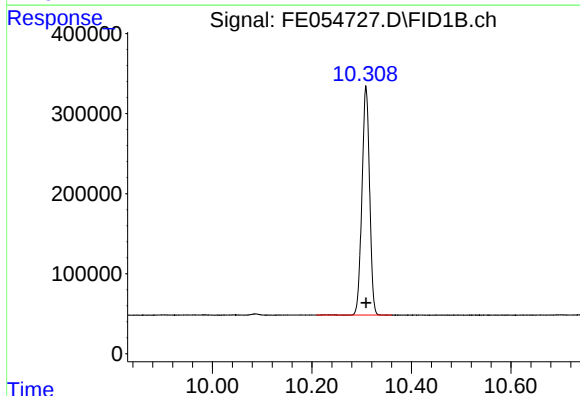
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 3145906
Conc: 21.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



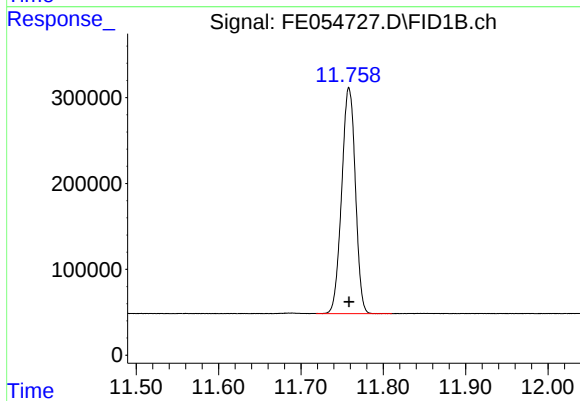
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2976522
Conc: 21.47 ug/ml



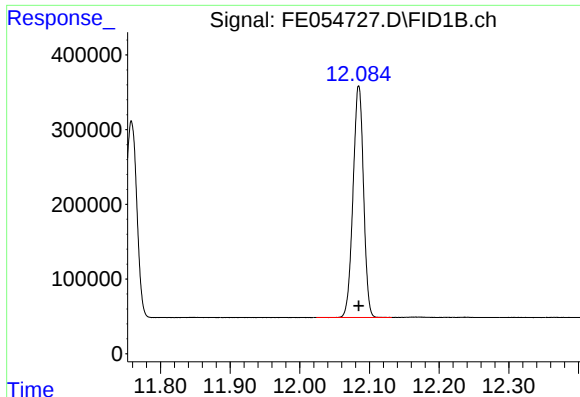
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 3043780
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

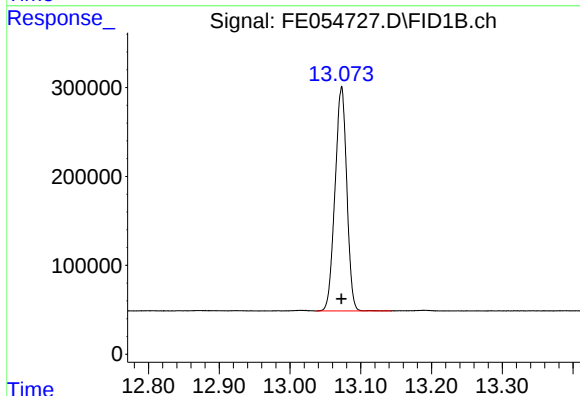
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 3036178
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

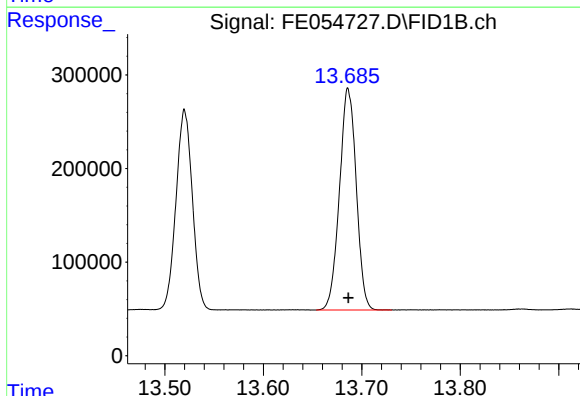
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3244201
Conc: 19.98 ug/ml

Instrument :
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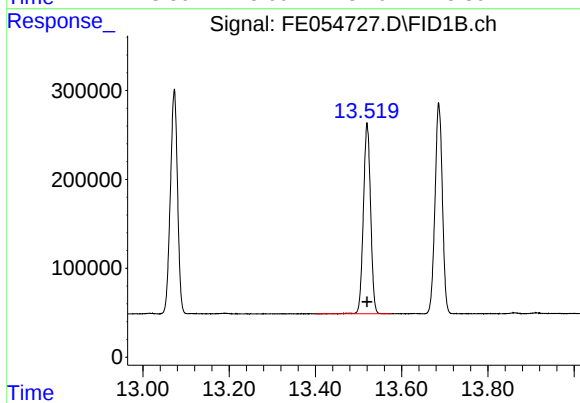
#10 n-Eicosane (C20)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2908614
Conc: 20.23 ug/ml



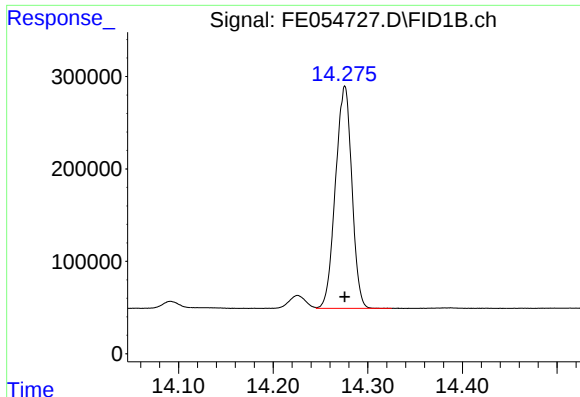
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2803213
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

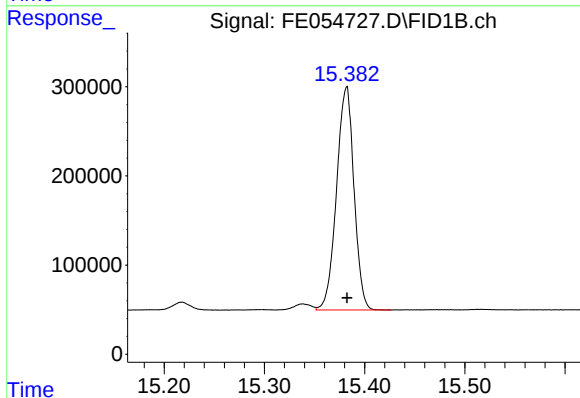
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2477197
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

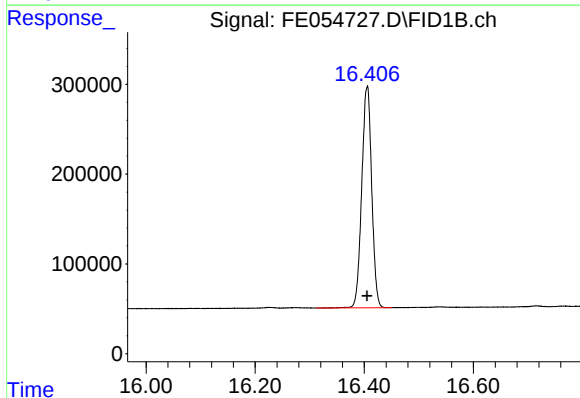
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2894365
Conc: 20.27 ug/ml

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20 PPM ALIPHATIC HC STD



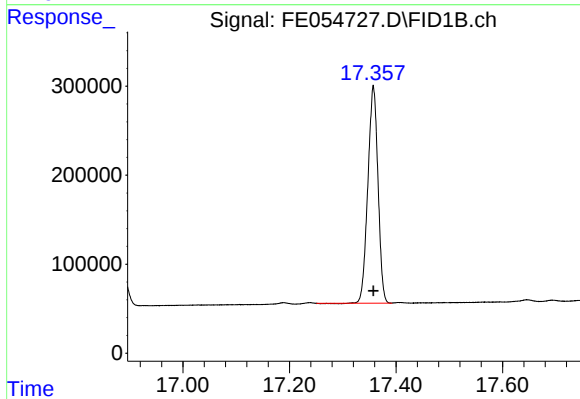
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 3028792
Conc: 20.84 ug/ml



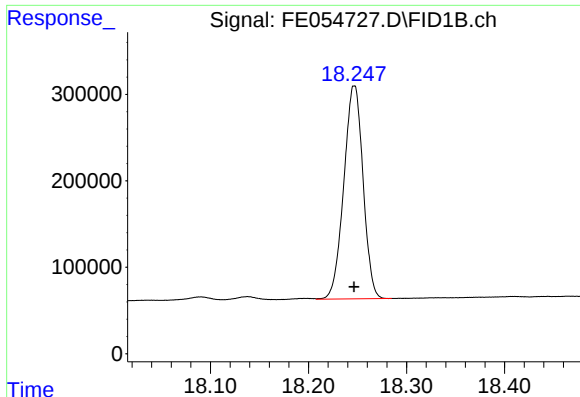
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 3123353
Conc: 21.58 ug/ml



#16 n-Octacosane (C28)

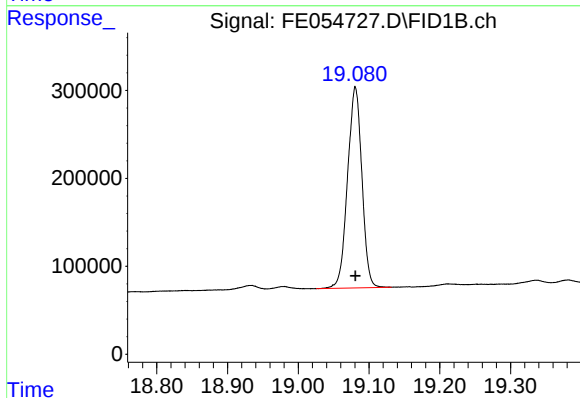
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 3217945
Conc: 22.08 ug/ml



#17 n-Tricontane (C30)

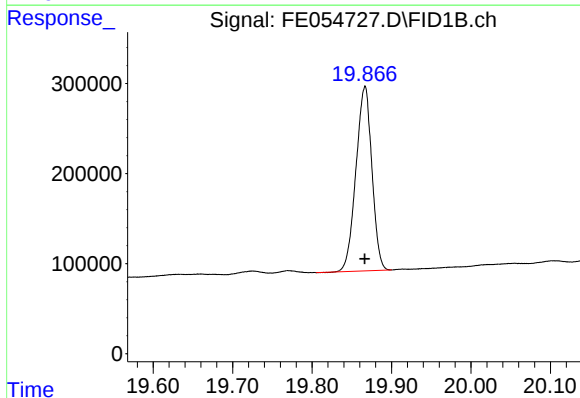
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 3360147
Conc: 21.32 ug/ml

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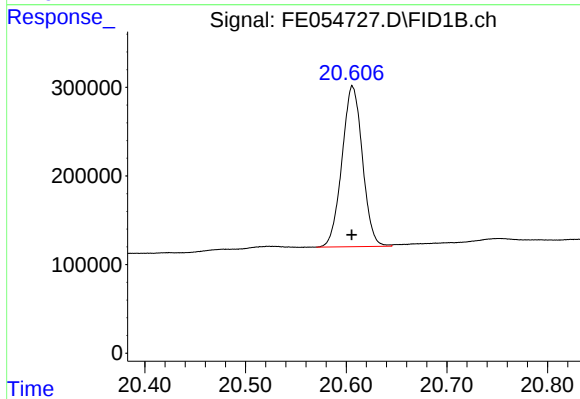
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 3217741
Conc: 19.89 ug/ml



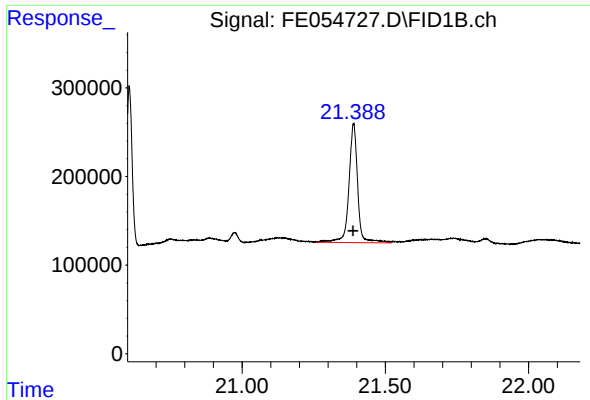
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 2853705
Conc: 18.73 ug/ml



#20 n-Hexatriacontane (C36)

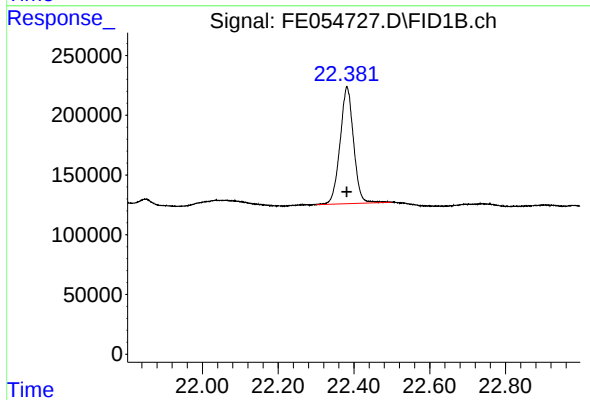
R.T.: 20.606 min
Delta R.T.: 0.000 min
Response: 2561366
Conc: 19.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 2871944
Conc: 24.49 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.000 min
Response: 2418878
Conc: 22.32 ug/ml