

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102725AL\
 Data File : FE056529.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2025 23:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 01:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 Qlast Update : Fri Oct 24 08:17:58 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)	11.983	1415560	6.929 ug/ml
Spiked Amount 50.000		Recovery =	13.86%
12) S 1-chlorooctadecane (S...	13.423	1042181	6.830 ug/ml
Spiked Amount 50.000		Recovery =	13.66%
Target Compounds			
1) T n-Nonane (C9)	3.330	1032756	6.336 ug/ml
2) T n-Decane (C10)	4.590	1133865	6.895 ug/ml
3) T A~Naphthalene (C11.7)	6.307	1156579	6.543 ug/ml
4) T n-Dodecane (C12)	6.765	1171545	6.983 ug/ml
5) T A~2-methylnaphthalene...	7.407	1100700	6.606 ug/ml
6) T n-Tetradecane (C14)	8.601	1162761	6.999 ug/ml
7) T n-Hexadecane (C16)	10.214	1215596	6.948 ug/ml
8) T n-Octadecane (C18)	11.662	1260719	6.911 ug/ml
10) T n-Eicosane (C20)	12.976	1230228	6.909 ug/ml
11) T n-Heneicosane (C21)	13.590	1209304	6.893 ug/ml
13) T n-Docosane (C22)	14.178	1222446	6.906 ug/ml
14) T n-Tetracosane (C24)	15.283	1223315	6.724 ug/ml
15) T n-Hexacosane (C26)	16.308	1218547	6.788 ug/ml
16) T n-Octacosane (C28)	17.260	1226454	6.894 ug/ml
17) T n-Tricontane (C30)	18.150	1288284	7.096 ug/ml
18) T n-Dotriacontane (C32)	18.984	1184378	6.718 ug/ml
19) T n-Tetratriacontane (C34)	19.769	1144885	7.396 ug/ml
20) T n-Hexatriacontane (C36)	20.511	960660	7.689 ug/ml
21) T n-Octatriacontane (C38)	21.267	910117	8.711 ug/ml
22) T n-Tetracontane (C40)	22.216f	855207	9.424 ug/ml

(f)=RT Delta > 1/2 Window

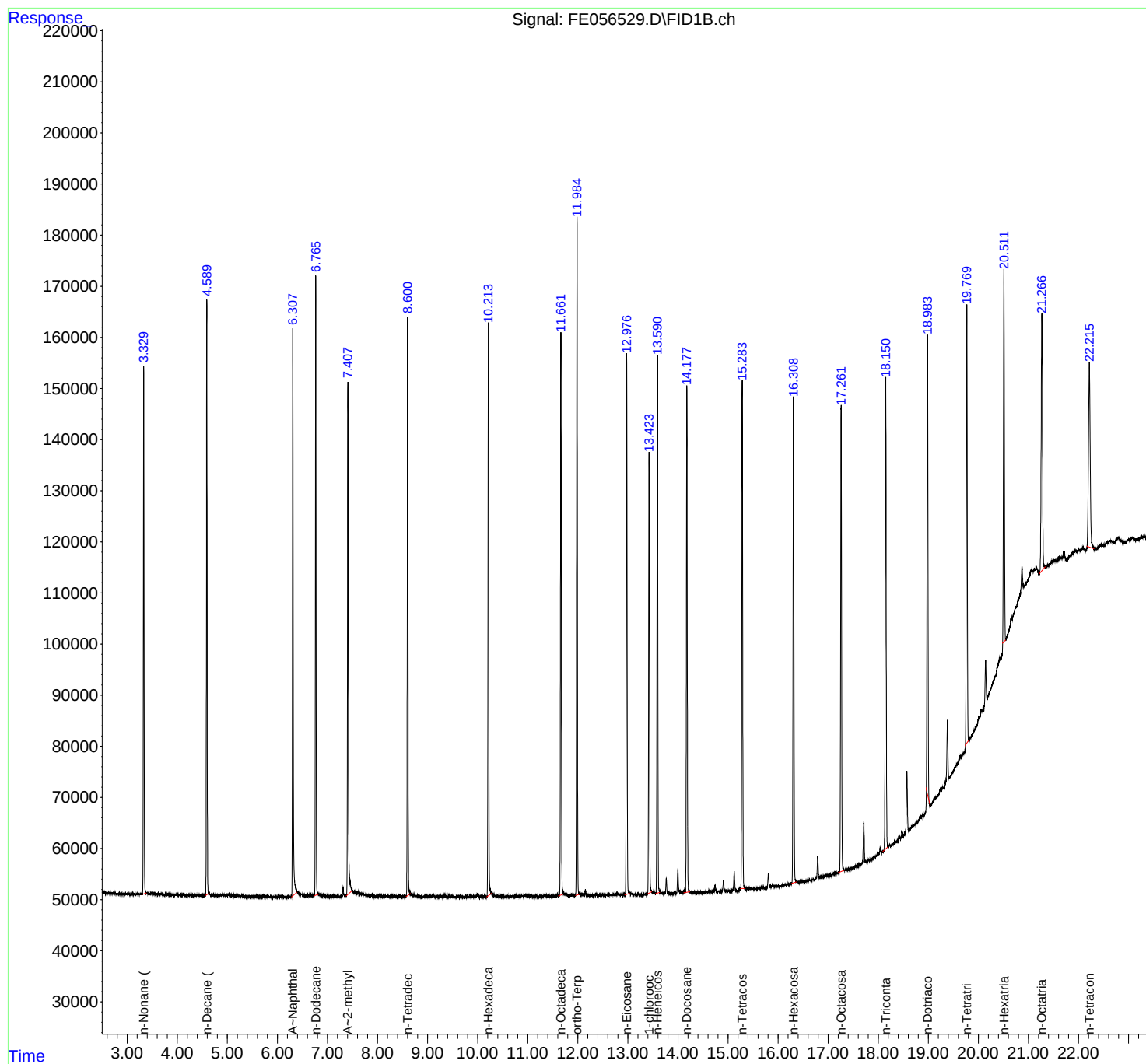
(m)=manual int.

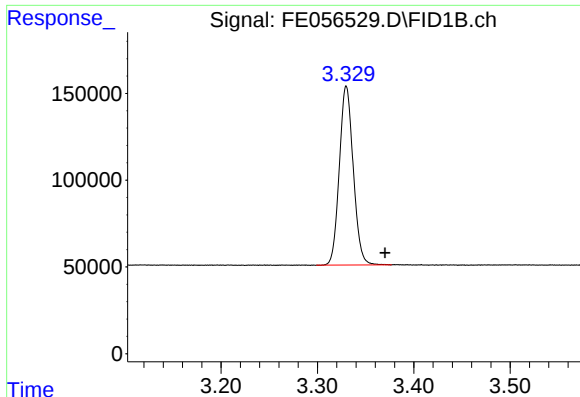
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102725AL\
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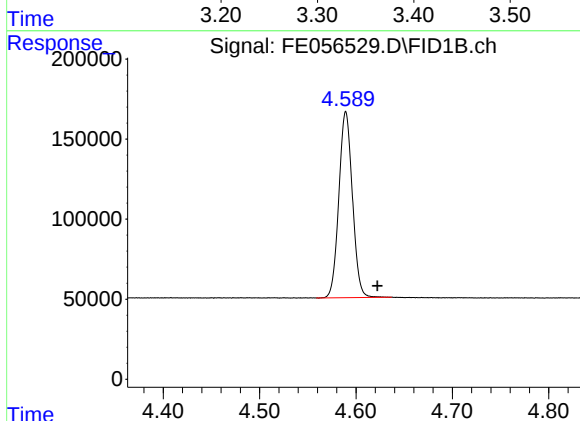




#1 n-Nonane (C9)

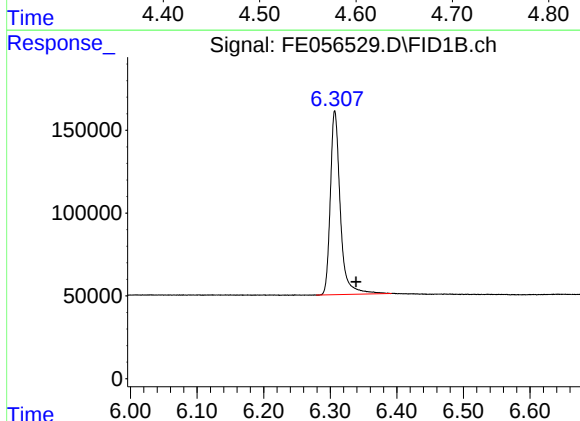
R.T.: 3.330 min
Delta R.T.: -0.040 min
Response: 1032756
Conc: 6.34 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



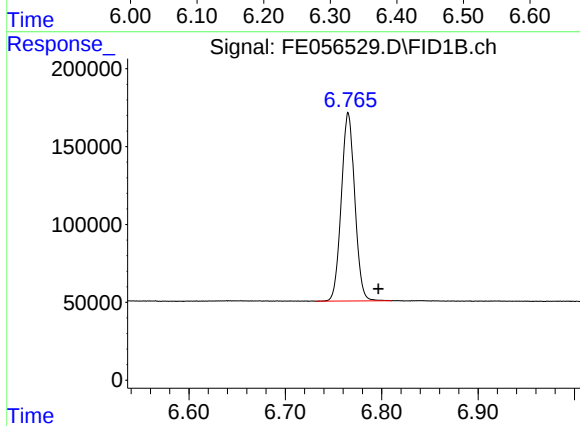
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.033 min
Response: 1133865
Conc: 6.89 ug/ml



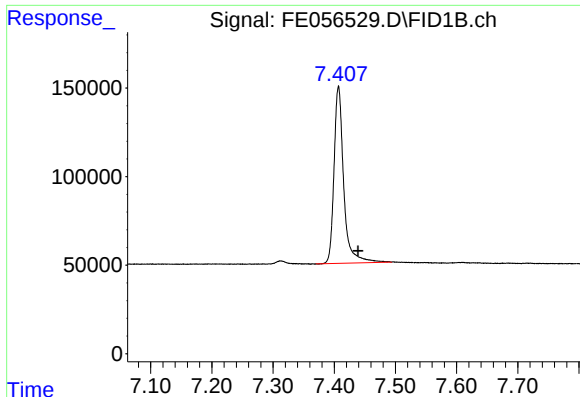
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.032 min
Response: 1156579
Conc: 6.54 ug/ml



#4 n-Dodecane (C12)

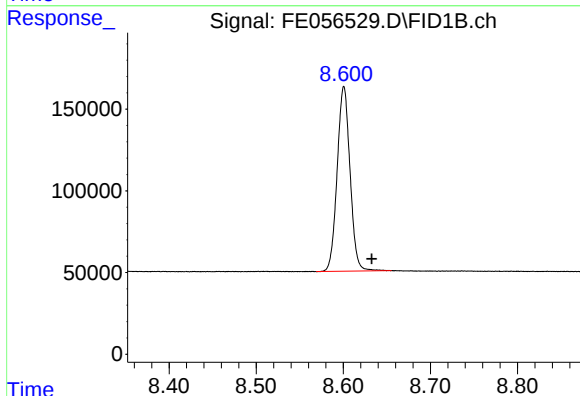
R.T.: 6.765 min
Delta R.T.: -0.031 min
Response: 1171545
Conc: 6.98 ug/ml



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

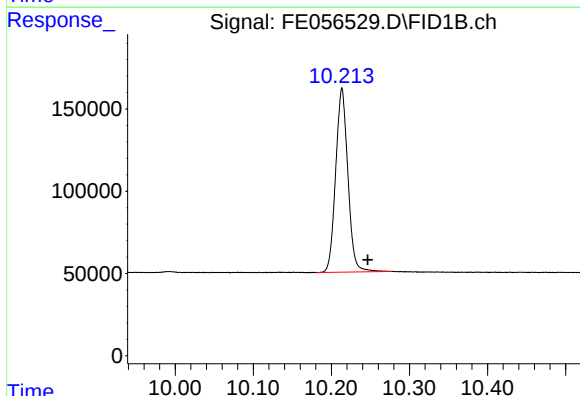
R.T.: 7.407 min
Delta R.T.: -0.032 min
Response: 1100700
Conc: 6.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



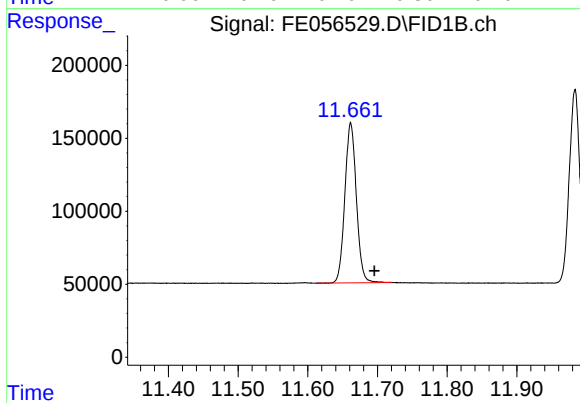
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.032 min
Response: 1162761
Conc: 7.00 ug/ml



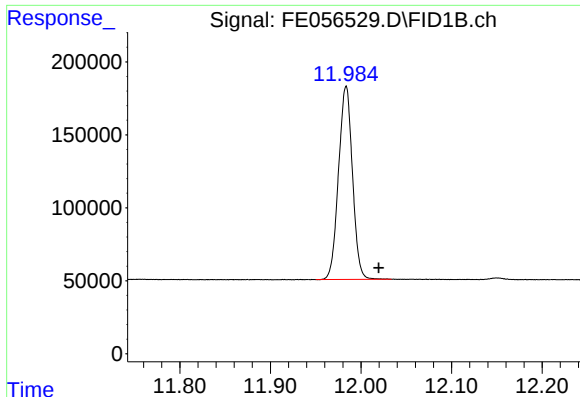
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: -0.033 min
Response: 1215596
Conc: 6.95 ug/ml



#8 n-Octadecane (C18)

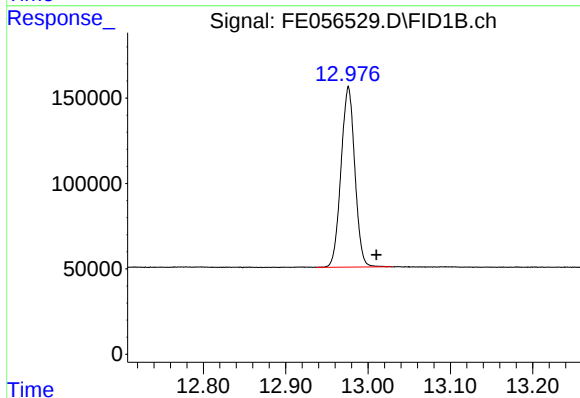
R.T.: 11.662 min
Delta R.T.: -0.034 min
Response: 1260719
Conc: 6.91 ug/ml



#9 ortho-Terphenyl (SURR)

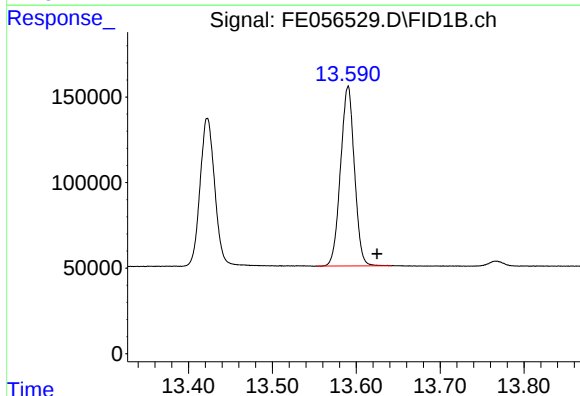
R.T.: 11.983 min
Delta R.T.: -0.036 min
Response: 1415560
Conc: 6.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



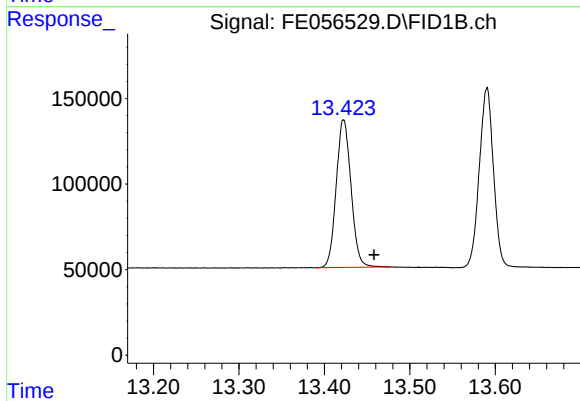
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: -0.034 min
Response: 1230228
Conc: 6.91 ug/ml



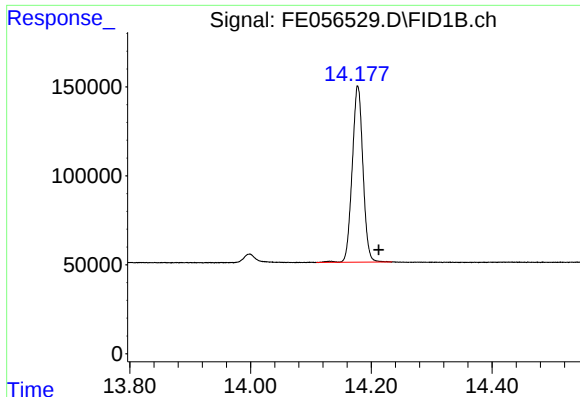
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: -0.035 min
Response: 1209304
Conc: 6.89 ug/ml



#12 1-chlorooctadecane (SURR)

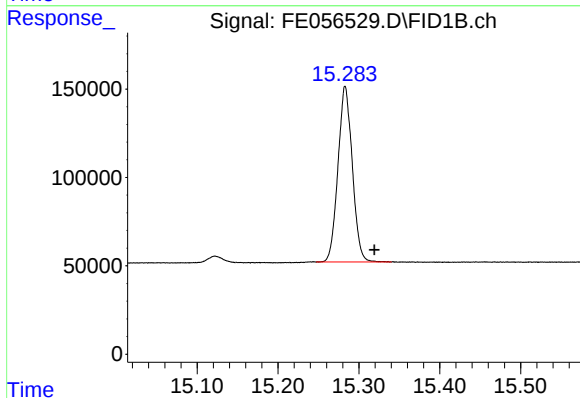
R.T.: 13.423 min
Delta R.T.: -0.036 min
Response: 1042181
Conc: 6.83 ug/ml



#13 n-Docosane (C22)

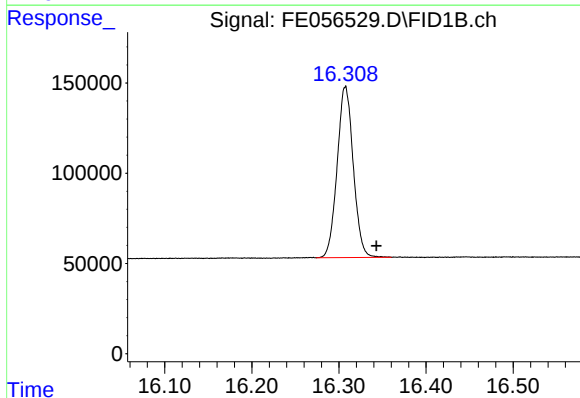
R.T.: 14.178 min
Delta R.T.: -0.035 min
Response: 1222446
Conc: 6.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



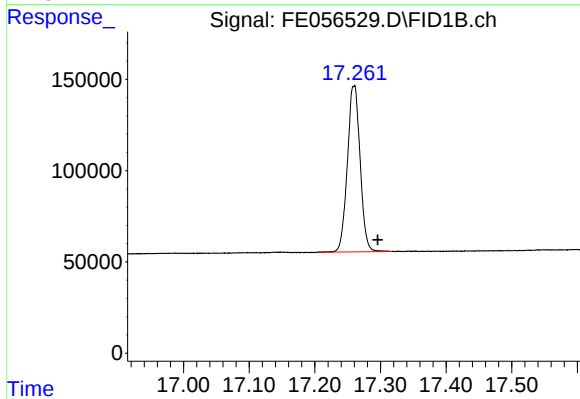
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: -0.036 min
Response: 1223315
Conc: 6.72 ug/ml



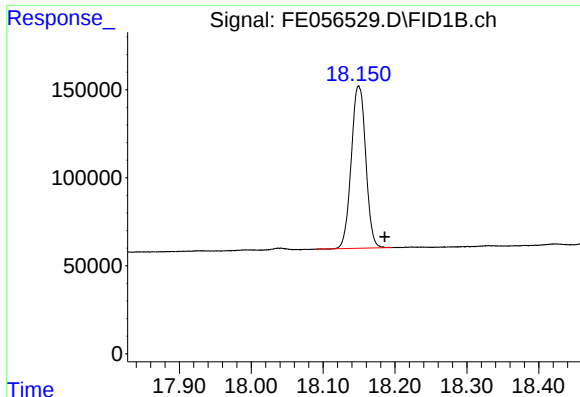
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: -0.035 min
Response: 1218547
Conc: 6.79 ug/ml



#16 n-Octacosane (C28)

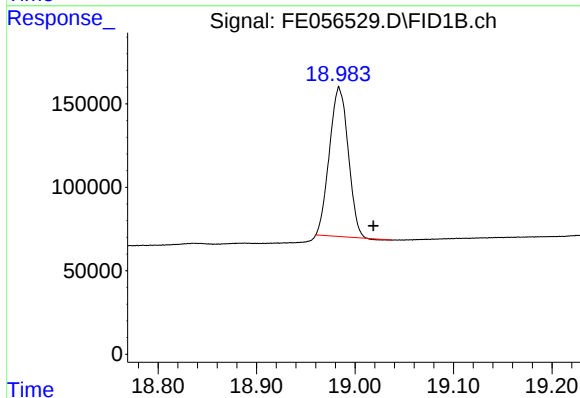
R.T.: 17.260 min
Delta R.T.: -0.036 min
Response: 1226454
Conc: 6.89 ug/ml



#17 n-Tricontane (C30)

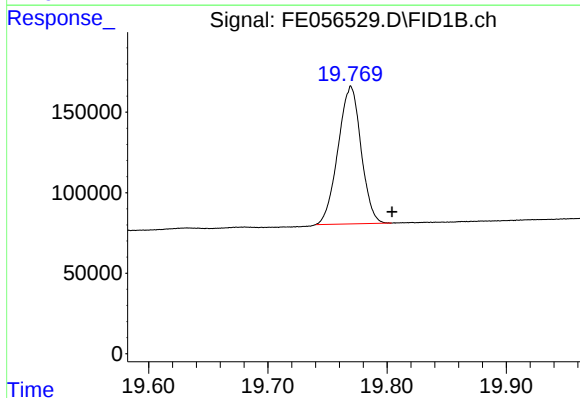
R.T.: 18.150 min
Delta R.T.: -0.036 min
Response: 1288284
Conc: 7.10 ug/ml

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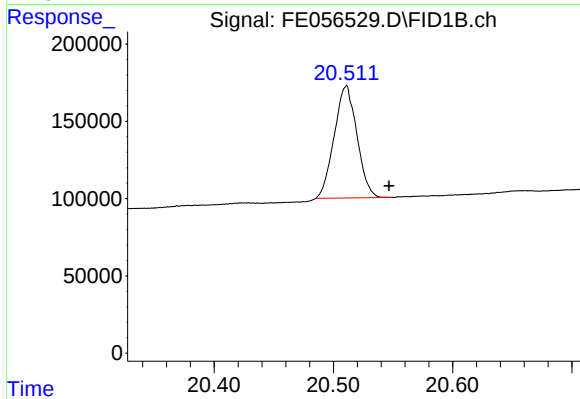
#18 n-Dotriacontane (C32)

R.T.: 18.984 min
Delta R.T.: -0.035 min
Response: 1184378
Conc: 6.72 ug/ml



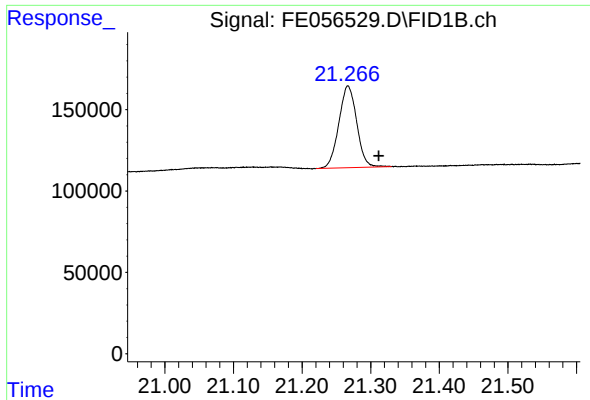
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: -0.035 min
Response: 1144885
Conc: 7.40 ug/ml



#20 n-Hexatriacontane (C36)

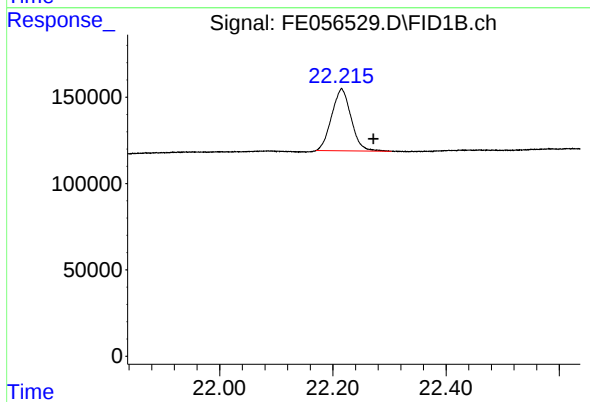
R.T.: 20.511 min
Delta R.T.: -0.036 min
Response: 960660
Conc: 7.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.045 min
Response: 910117
Conc: 8.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.216 min
Delta R.T.: -0.056 min
Response: 855207
Conc: 9.42 ug/ml