

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051525.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 11:55
 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 05 00:08:36 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	2884759	19.090 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	13.262	2192639	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.221	2651691	18.920 ug/ml
2) T n-Decane (C10)	4.468	2689338	18.965 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2482371	18.778 ug/ml
4) T n-Dodecane (C12)	6.635	2723325	19.132 ug/ml
5) T A~2-methylnaphthalene...	7.279	2288321	19.075 ug/ml
6) T n-Tetradecane (C14)	8.461	2671203	19.162 ug/ml
7) T n-Hexadecane (C16)	10.066	2735402	19.252 ug/ml
8) T n-Octadecane (C18)	11.507	2753954	19.163 ug/ml
10) T n-Eicosane (C20)	12.815	2648983	19.190 ug/ml
11) T n-Heneicosane (C21)	13.426	2603952	19.211 ug/ml
13) T n-Docosane (C22)	14.010	2568548	19.182 ug/ml
14) T n-Tetracosane (C24)	15.112	2538602	19.212 ug/ml
15) T n-Hexacosane (C26)	16.131	2497102	19.256 ug/ml
16) T n-Octacosane (C28)	17.079	2468359	19.360 ug/ml
17) T n-Tricontane (C30)	17.966	2524956	19.500 ug/ml
18) T n-Dotriacontane (C32)	18.796	2469901	19.730 ug/ml
19) T n-Tetratriacontane (C34)	19.578	2182961	19.329 ug/ml
20) T n-Hexatriacontane (C36)	20.318	1870219	19.420 ug/ml
21) T n-Octatriacontane (C38)	21.038	1818459	19.973 ug/ml
22) T n-Tetracontane (C40)	21.910	1835830	20.948 ug/ml

(f)=RT Delta > 1/2 Window

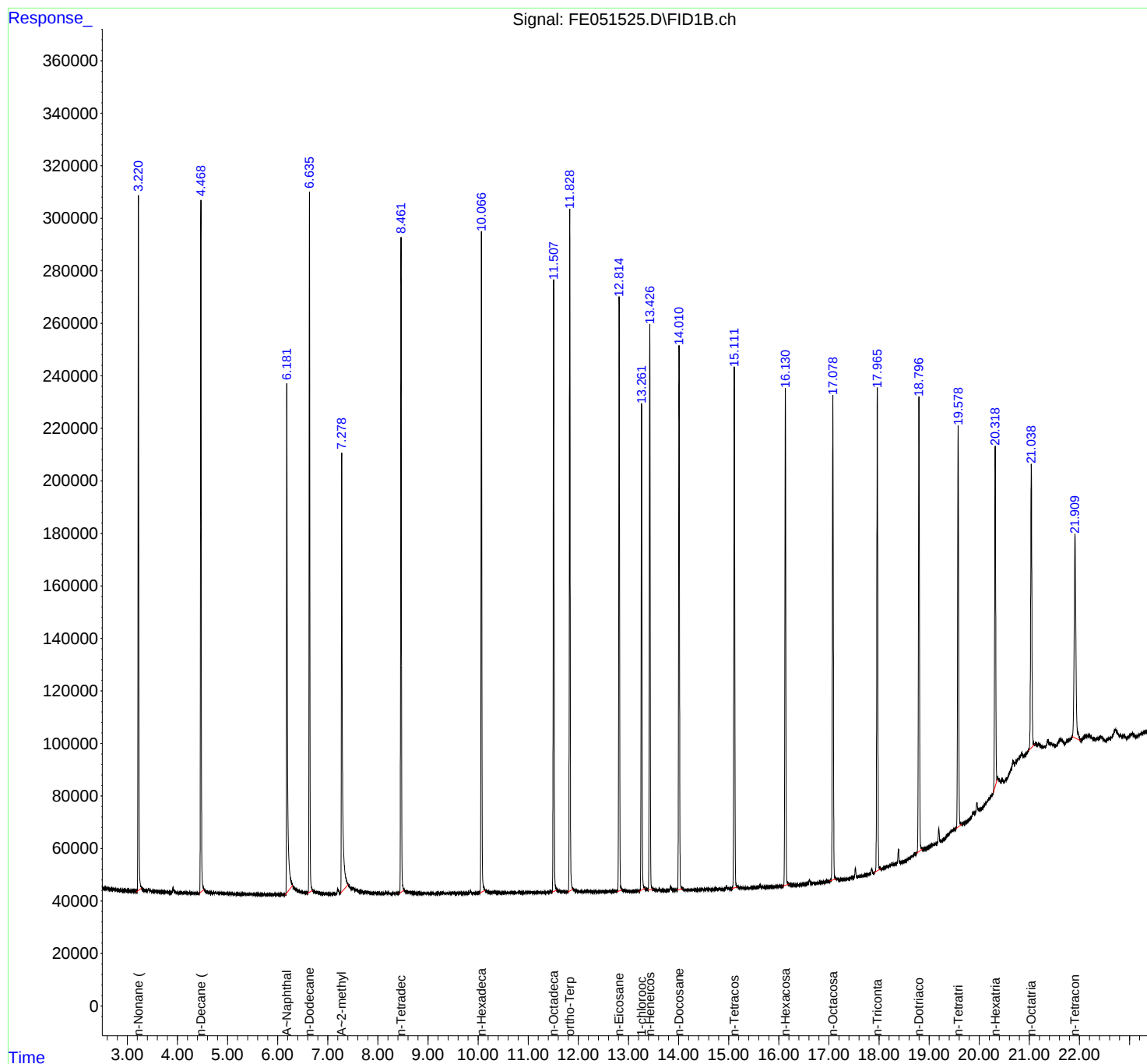
(m)=manual int.

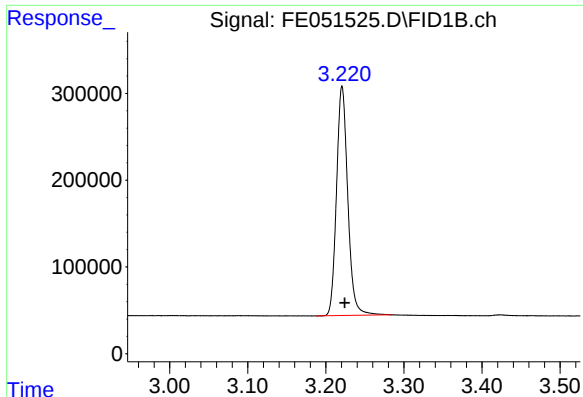
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
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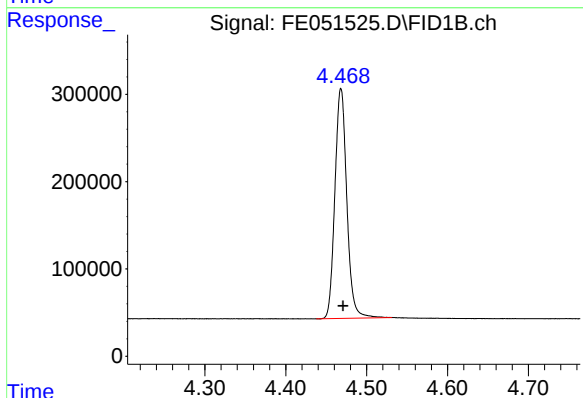




#1 n-Nonane (C9)

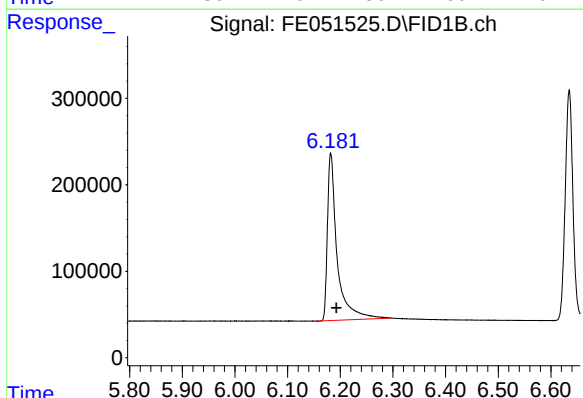
R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 2651691
Conc: 18.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



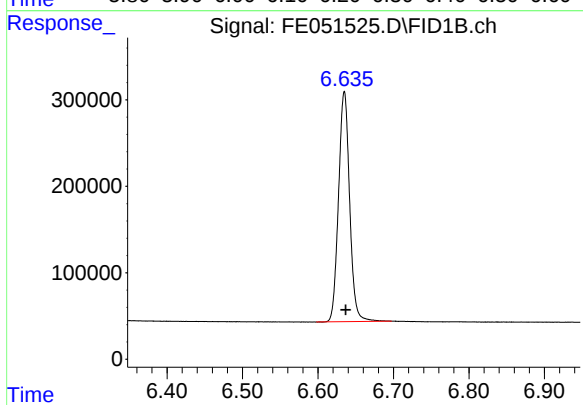
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2689338
Conc: 18.96 ug/ml



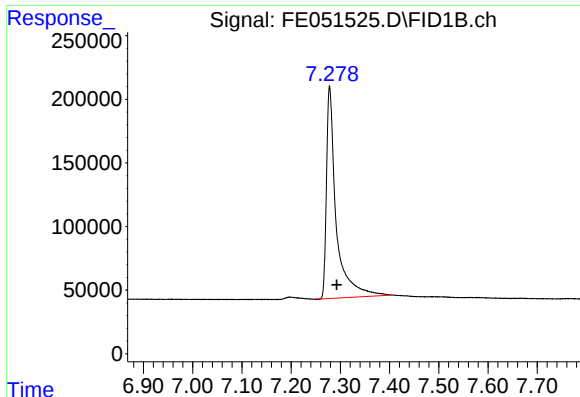
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.010 min
Response: 2482371
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

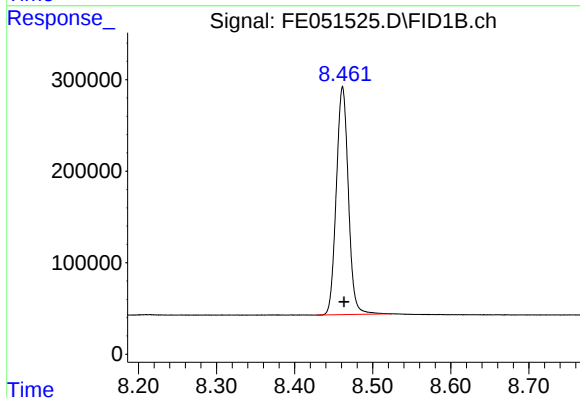
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 2723325
Conc: 19.13 ug/ml



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

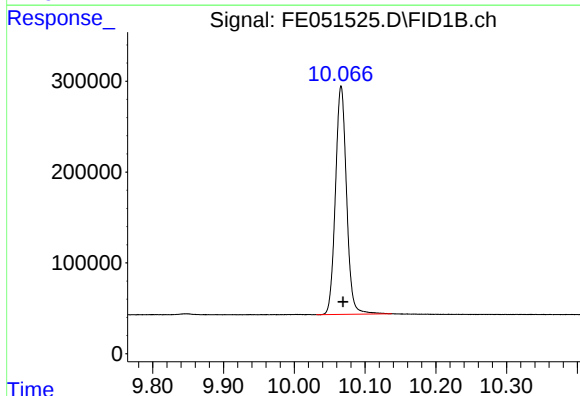
R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 2288321
Conc: 19.07 ug/ml

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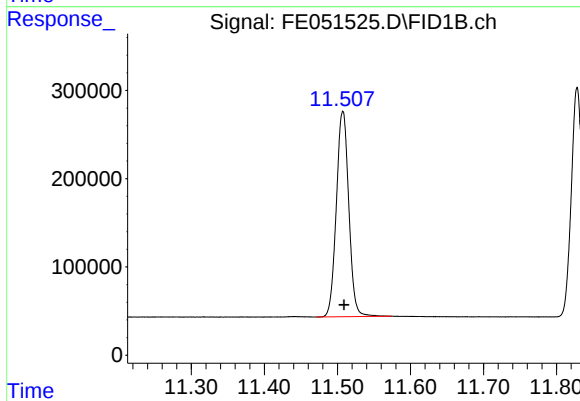
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 2671203
Conc: 19.16 ug/ml



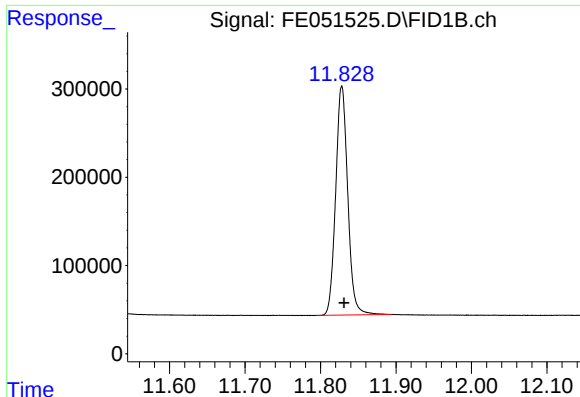
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 2735402
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

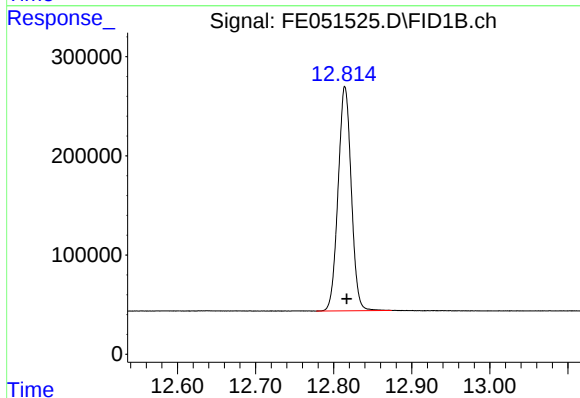
R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 2753954
Conc: 19.16 ug/ml



#9 ortho-Terphenyl (SURR)

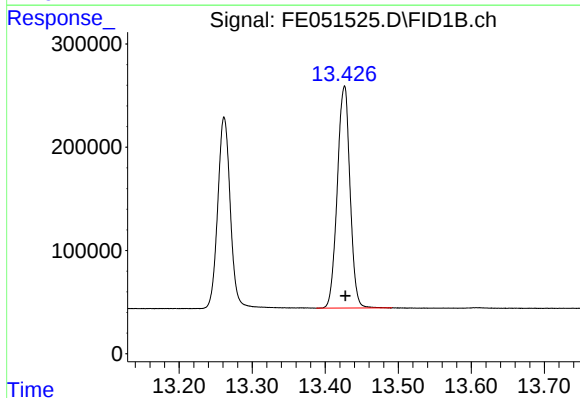
R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 2884759
Conc: 19.09 ug/ml

Instrument :
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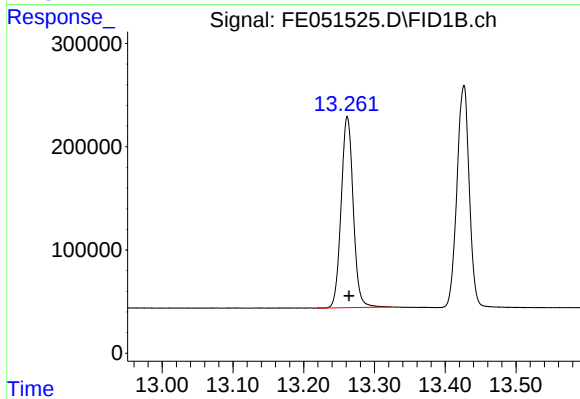
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 2648983
Conc: 19.19 ug/ml



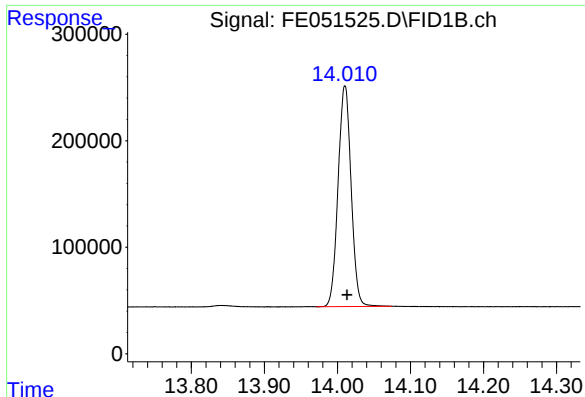
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 2603952
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

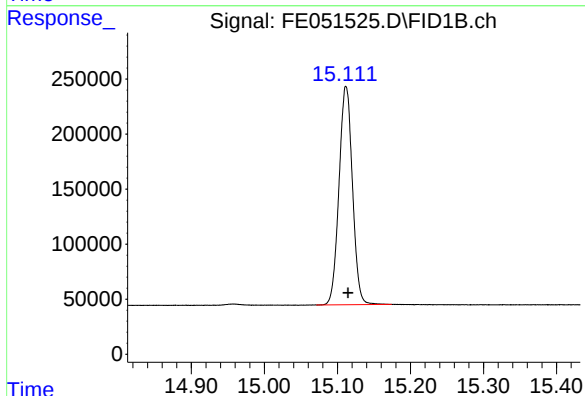
R.T.: 13.262 min
Delta R.T.: -0.003 min
Response: 2192639
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

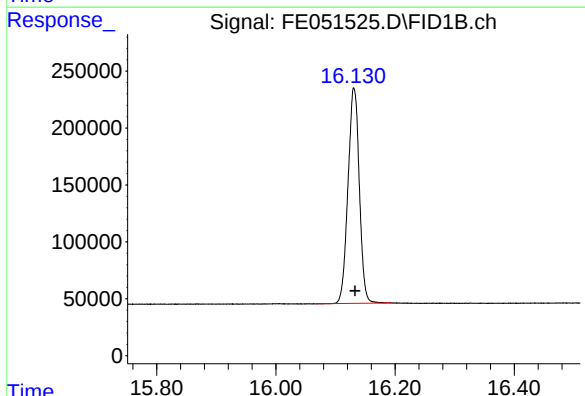
R.T.: 14.010 min
Delta R.T.: -0.003 min
Response: 2568548
Conc: 19.18 ug/ml

Instrument :
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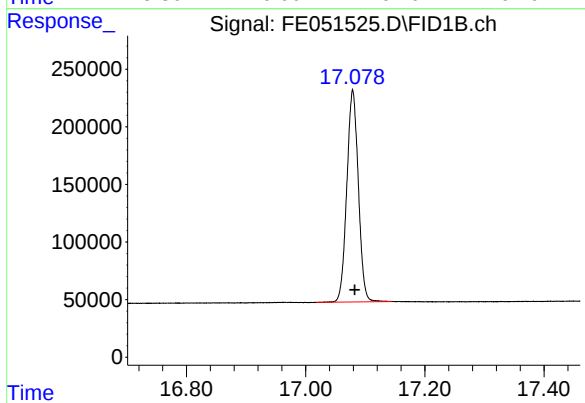
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.003 min
Response: 2538602
Conc: 19.21 ug/ml



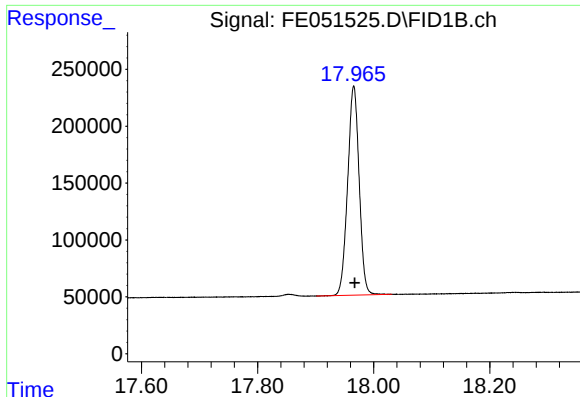
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.002 min
Response: 2497102
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

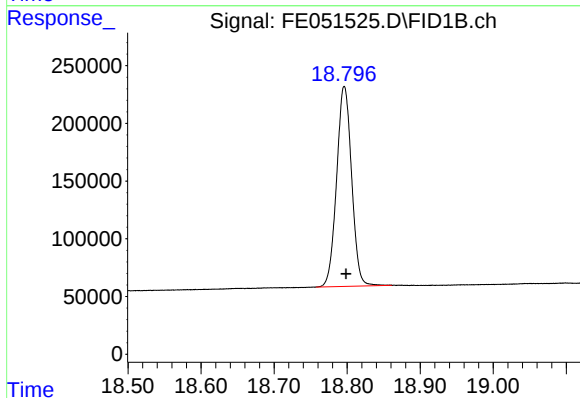
R.T.: 17.079 min
Delta R.T.: -0.003 min
Response: 2468359
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

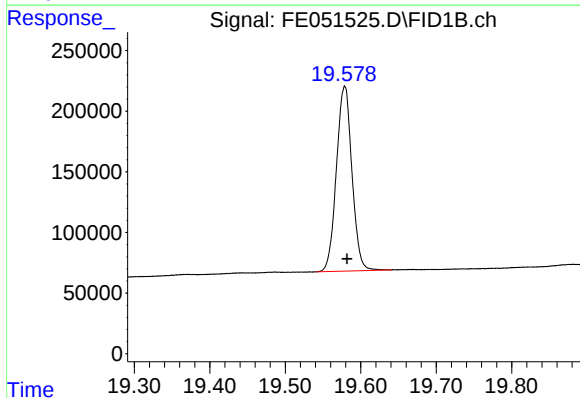
R.T.: 17.966 min
Delta R.T.: -0.002 min
Response: 2524956
Conc: 19.50 ug/ml

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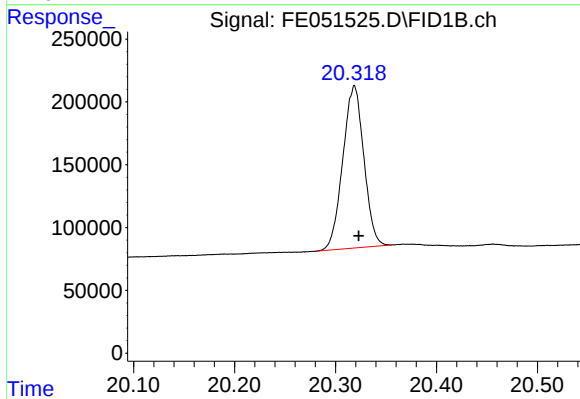
#18 n-Dotriacontane (C32)

R.T.: 18.796 min
Delta R.T.: -0.002 min
Response: 2469901
Conc: 19.73 ug/ml



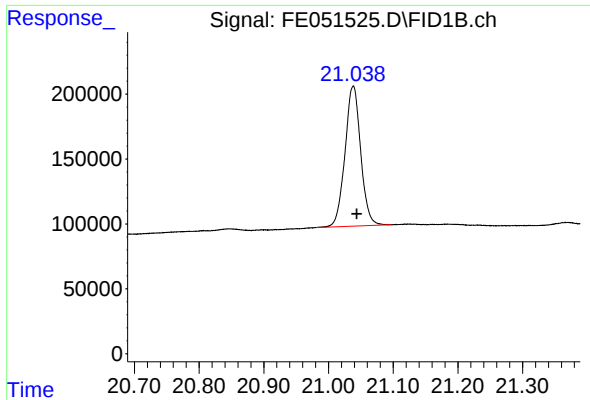
#19 n-Tetratriacontane (C34)

R.T.: 19.578 min
Delta R.T.: -0.004 min
Response: 2182961
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

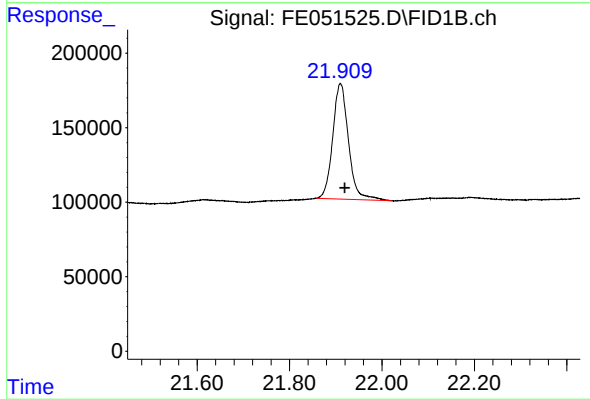
R.T.: 20.318 min
Delta R.T.: -0.005 min
Response: 1870219
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.005 min
Response: 1818459
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: -0.009 min
Response: 1835830
Conc: 20.95 ug/ml