

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043842.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2023 10:12
 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: Aug 10 23:35:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.941	4209649	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	13.379	3148867	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.328	3458045	21.414 ug/ml
2) T n-Decane (C10)	4.578	3581439	21.730 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3942112	21.652 ug/ml
4) T n-Dodecane (C12)	6.743	3651021	21.815 ug/ml
5) T A~2-methylnaphthalene...	7.374	3844196	21.593 ug/ml
6) T n-Tetradecane (C14)	8.570	3665946	21.759 ug/ml
7) T n-Hexadecane (C16)	10.179	3790277	21.487 ug/ml
8) T n-Octadecane (C18)	11.624	3817452	21.074 ug/ml
10) T n-Eicosane (C20)	12.934	3650198	20.626 ug/ml
11) T n-Heneicosane (C21)	13.547	3567106	20.146 ug/ml
13) T n-Docosane (C22)	14.134	3523943	20.091 ug/ml
14) T n-Tetracosane (C24)	15.237	3452490	19.650 ug/ml
15) T n-Hexacosane (C26)	16.260	3338686	19.317 ug/ml
16) T n-Octacosane (C28)	17.210	3195528	19.098 ug/ml
17) T n-Tricontane (C30)	18.100	3189571	19.257 ug/ml
18) T n-Dotriacontane (C32)	18.934	3085061	19.539 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2950056	19.853 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2822033	20.189 ug/ml
21) T n-Octatriacontane (C38)	21.205	2813781	21.092 ug/ml
22) T n-Tetracontane (C40)	22.128	2868367	22.231 ug/ml

(f)=RT Delta > 1/2 Window

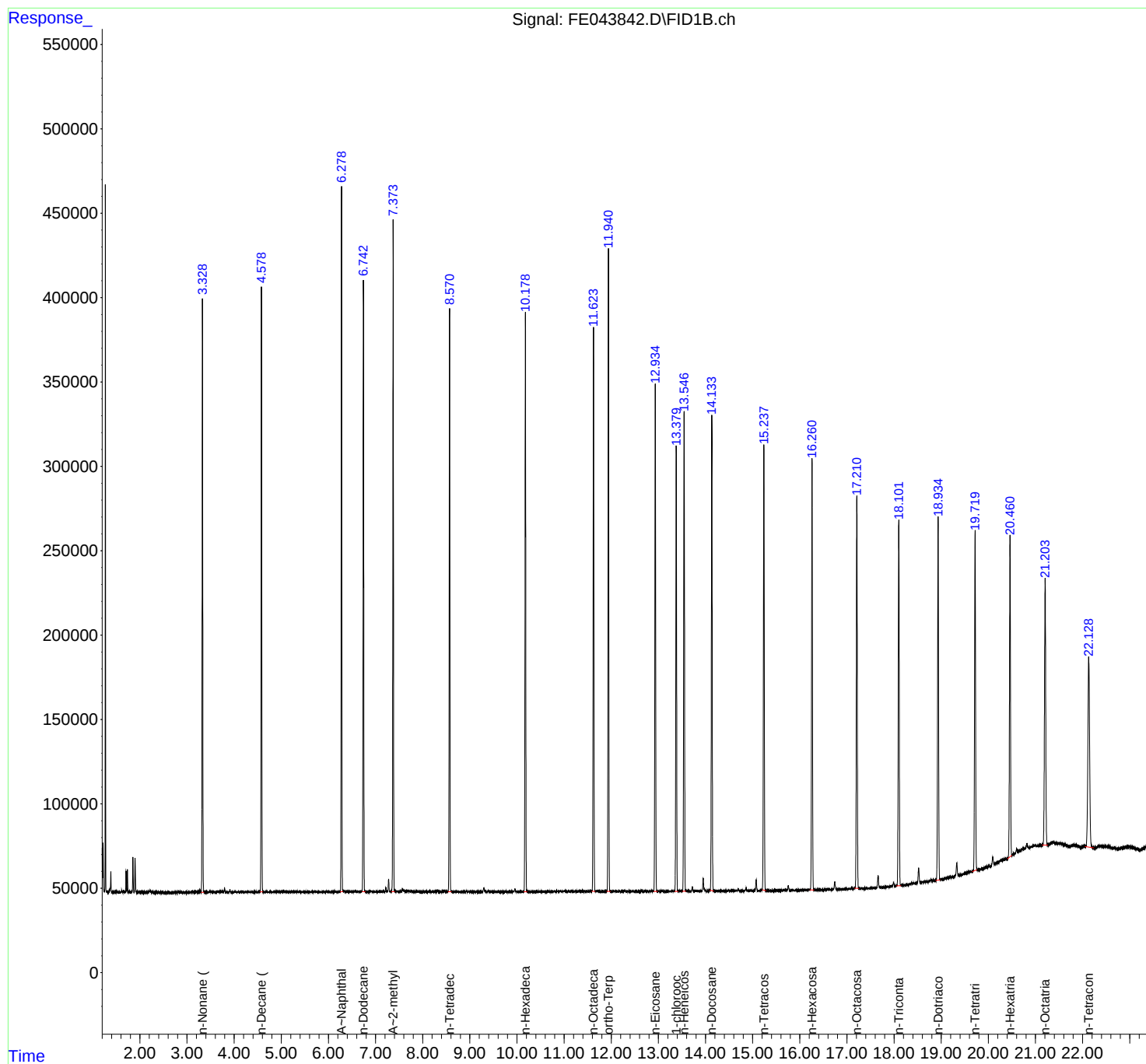
(m)=manual int.

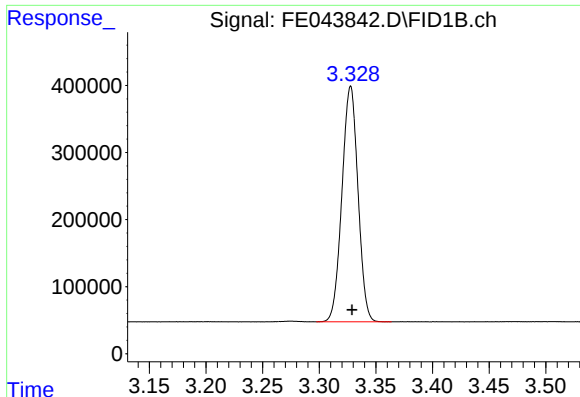
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
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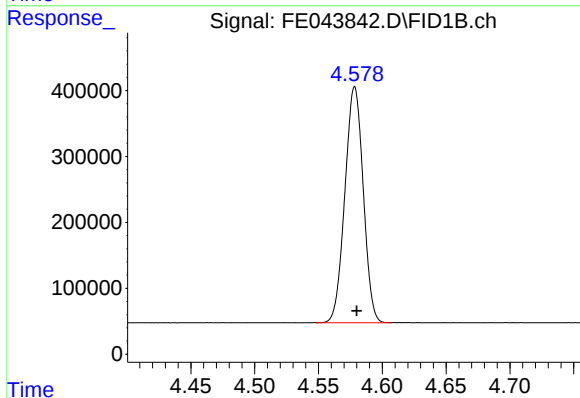




#1 n-Nonane (C9)

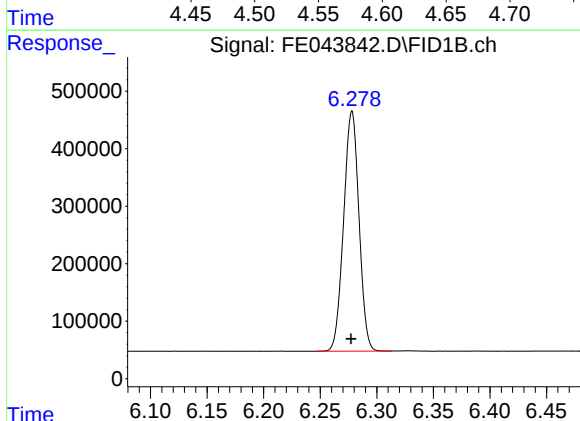
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 3458045
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



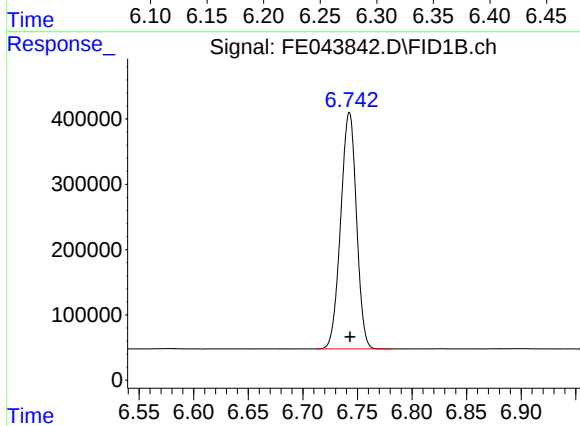
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.002 min
Response: 3581439
Conc: 21.73 ug/ml



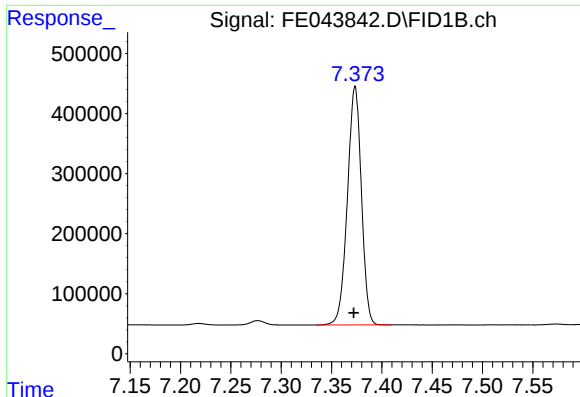
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3942112
Conc: 21.65 ug/ml



#4 n-Dodecane (C12)

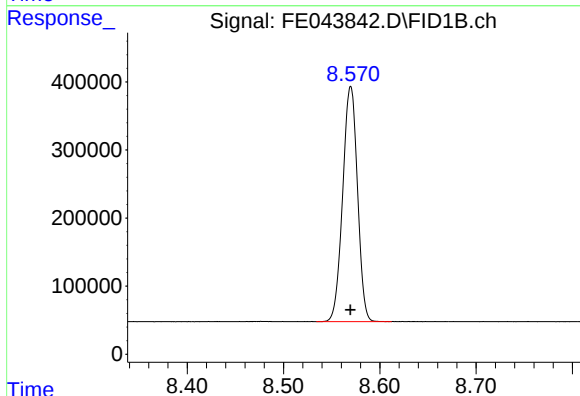
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3651021
Conc: 21.81 ug/ml



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

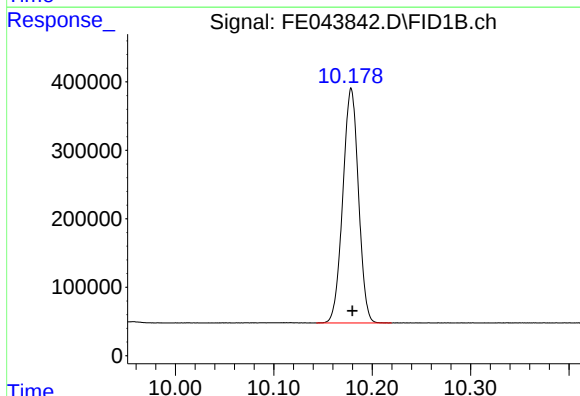
R.T.: 7.374 min
Delta R.T.: 0.001 min
Response: 3844196
Conc: 21.59 ug/ml

Instrument :
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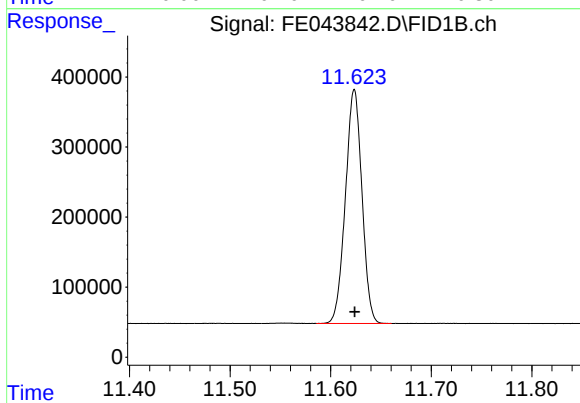
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3665946
Conc: 21.76 ug/ml



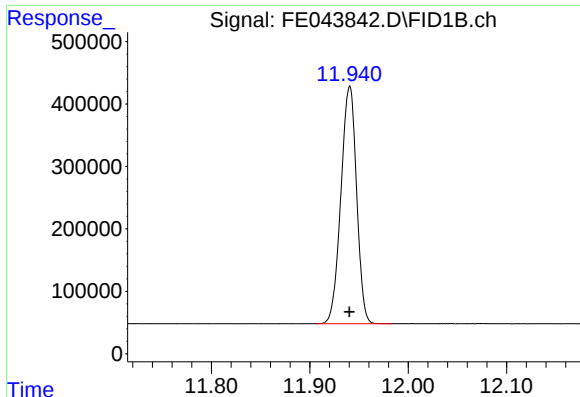
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3790277
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

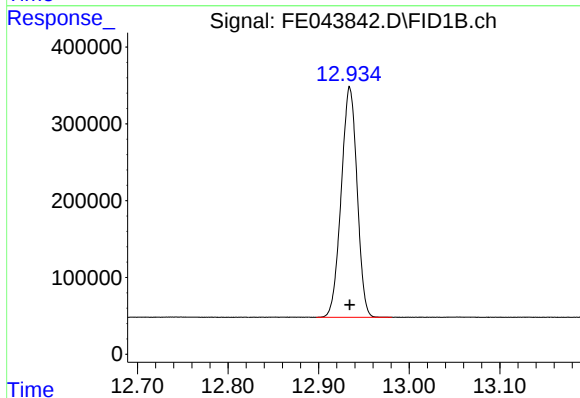
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3817452
Conc: 21.07 ug/ml



#9 ortho-Terphenyl (SURR)

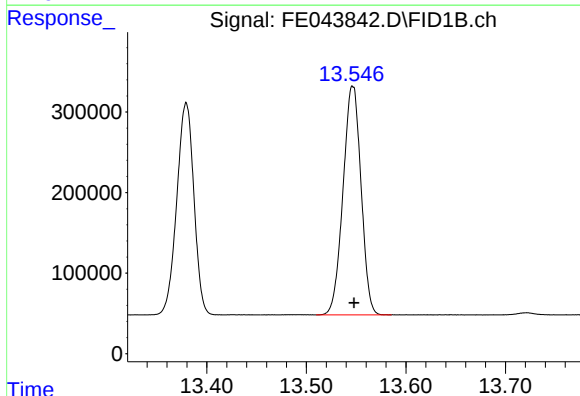
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 4209649
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



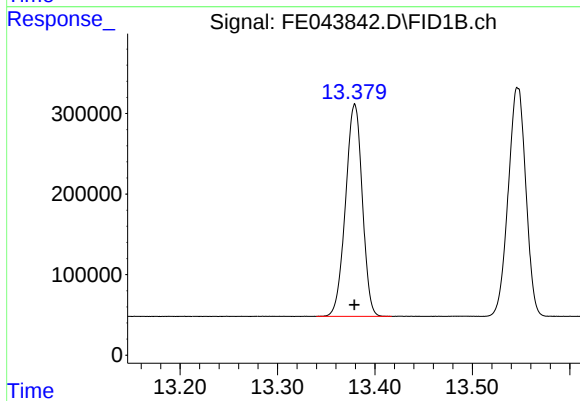
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3650198
Conc: 20.63 ug/ml



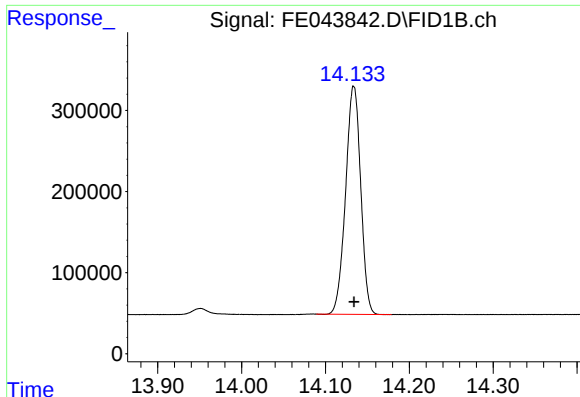
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 3567106
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

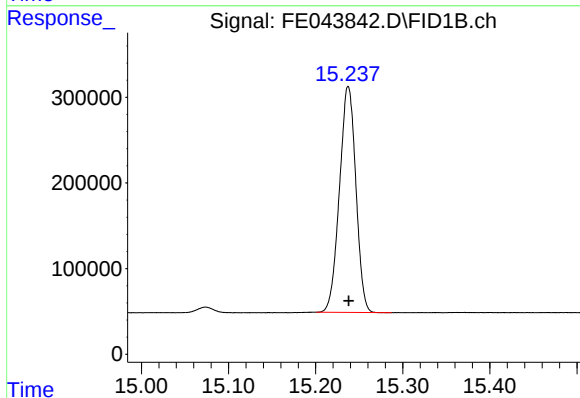
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3148867
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

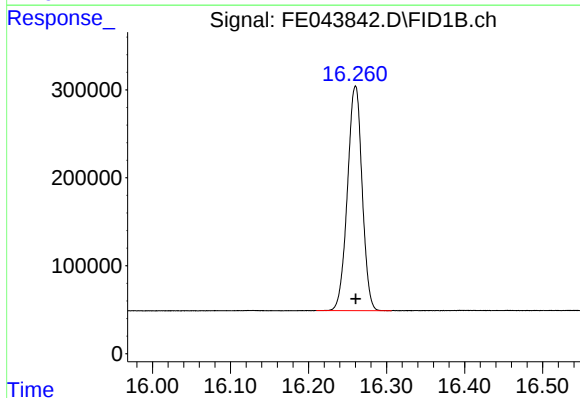
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3523943
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



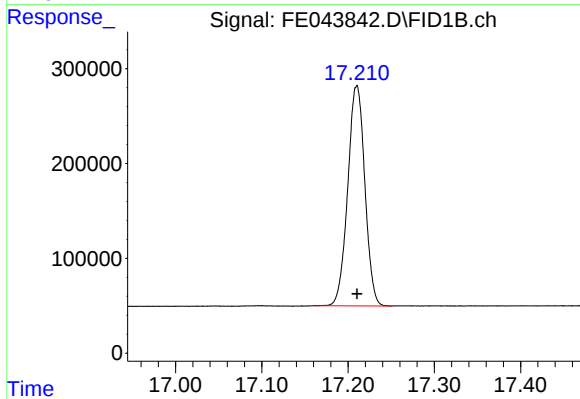
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 3452490
Conc: 19.65 ug/ml



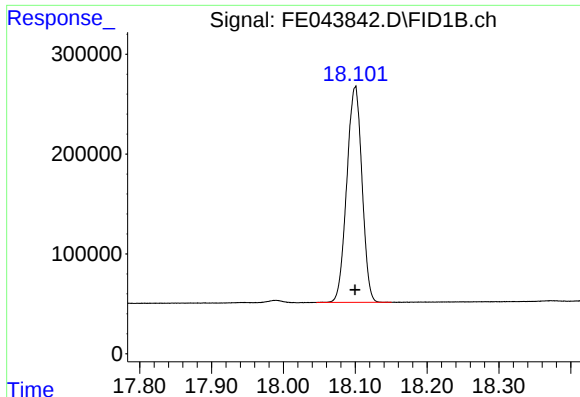
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3338686
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

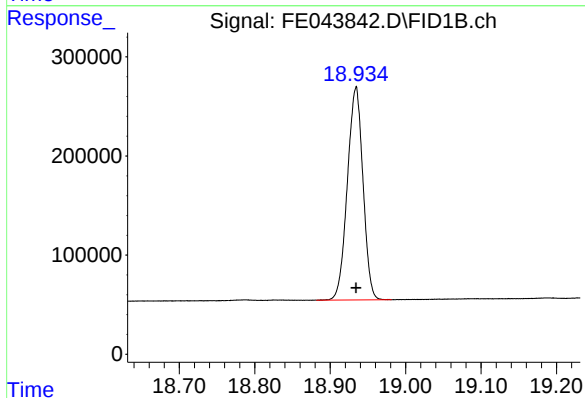
R.T.: 17.210 min
Delta R.T.: 0.000 min
Response: 3195528
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

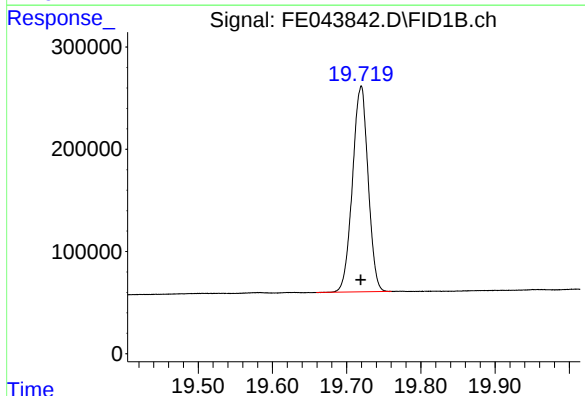
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3189571
Conc: 19.26 ug/ml

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20 PPM ALIPHATIC HC STD



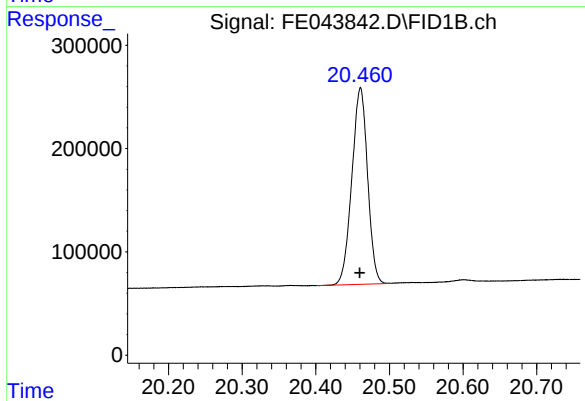
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3085061
Conc: 19.54 ug/ml



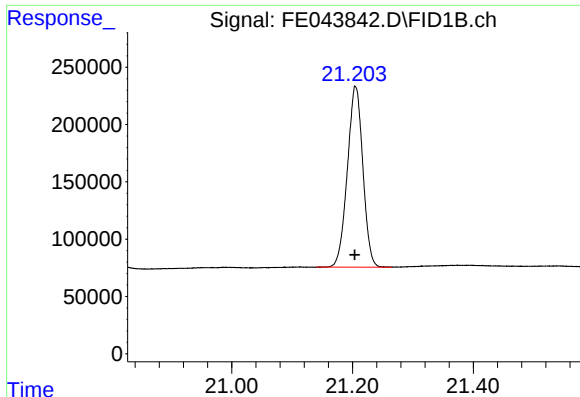
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2950056
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

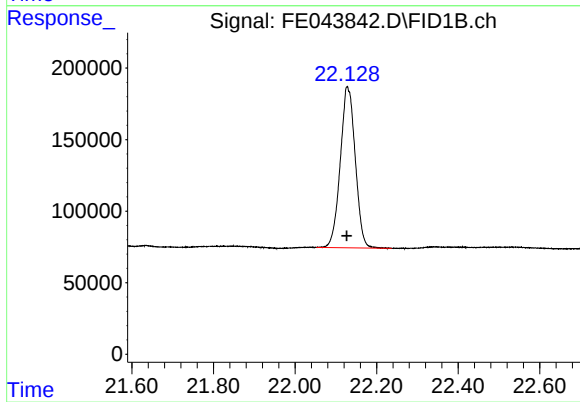
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 2822033
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.001 min
Response: 2813781
Conc: 21.09 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.001 min
Response: 2868367
Conc: 22.23 ug/ml