

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043666.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 08:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 02 09:01:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:01:15 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)	11.940	4135842	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.379	3134159	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.329	3246189	20.000 ug/ml
2) T n-Decane (C10)	4.580	3304594	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3648515	20.000 ug/ml
4) T n-Dodecane (C12)	6.743	3352082	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.372	3568635	20.000 ug/ml
6) T n-Tetradecane (C14)	8.570	3371240	20.000 ug/ml
7) T n-Hexadecane (C16)	10.180	3536265	20.000 ug/ml
8) T n-Octadecane (C18)	11.624	3634187	20.000 ug/ml
10) T n-Eicosane (C20)	12.934	3556008	20.000 ug/ml
11) T n-Heneicosane (C21)	13.548	3547066	20.000 ug/ml
13) T n-Docosane (C22)	14.134	3522646	20.000 ug/ml
14) T n-Tetracosane (C24)	15.238	3533451	20.000 ug/ml
15) T n-Hexacosane (C26)	16.260	3481294	20.000 ug/ml
16) T n-Octacosane (C28)	17.211	3371686	20.000 ug/ml
17) T n-Tricontane (C30)	18.100	3344942	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.934	3189197	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2987267	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2815147	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.204	2669042	20.000 ug/ml
22) T n-Tetracontane (C40)	22.127	2560087	20.000 ug/ml

(f)=RT Delta > 1/2 Window

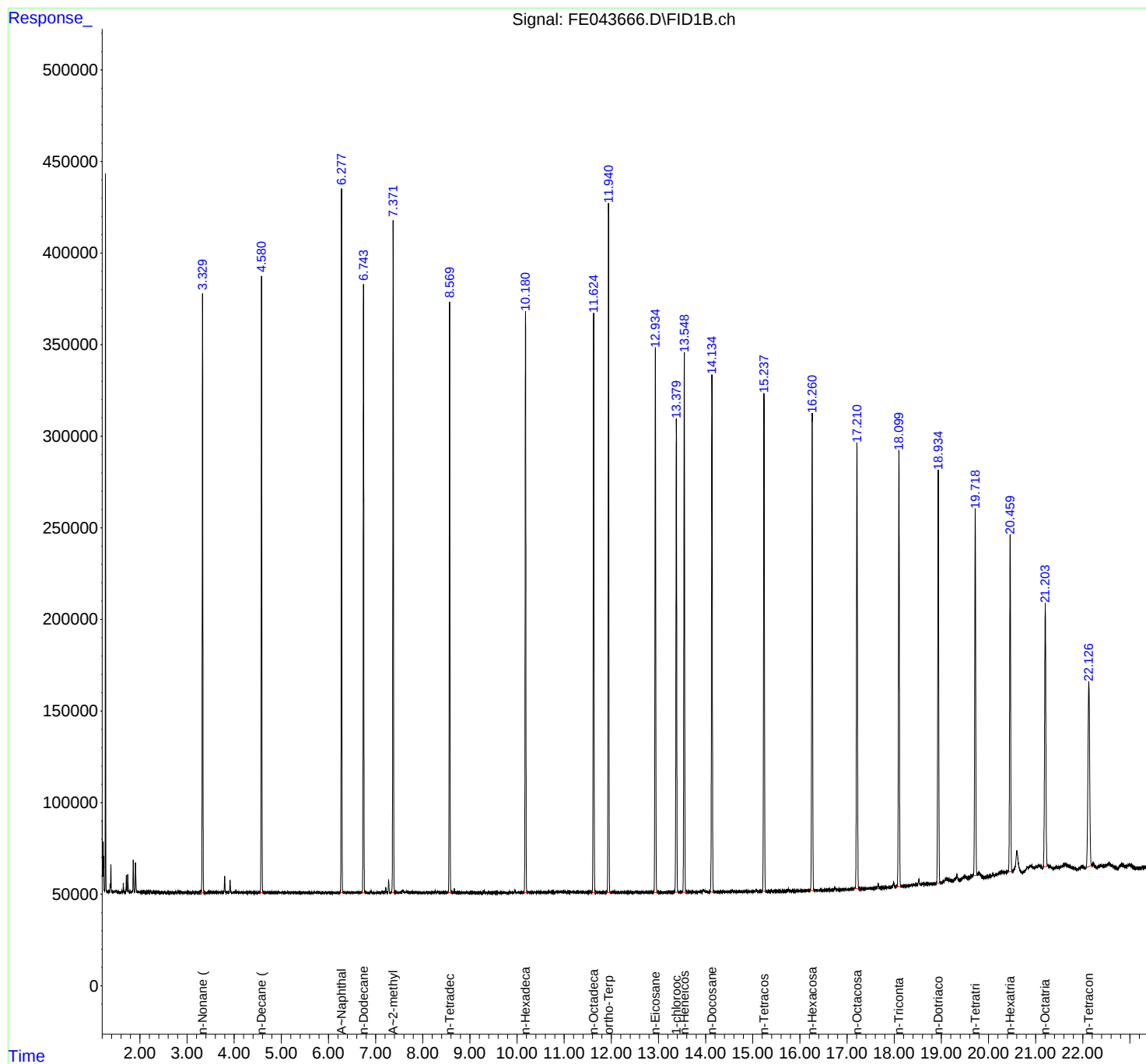
(m)=manual int.

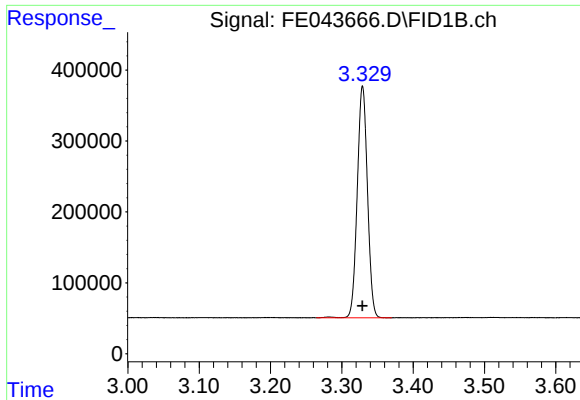
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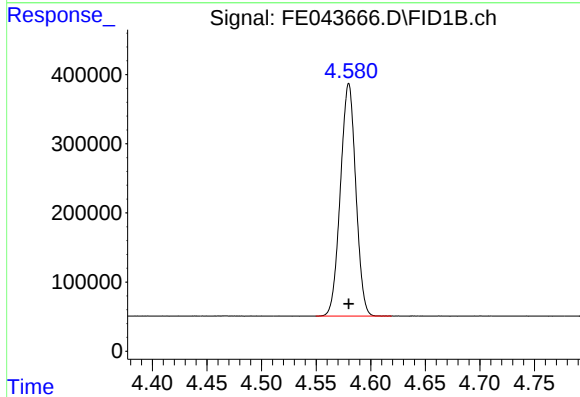




#1 n-Nonane (C9)

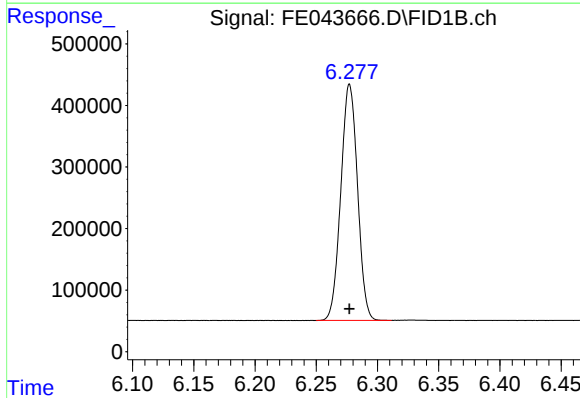
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3246189
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



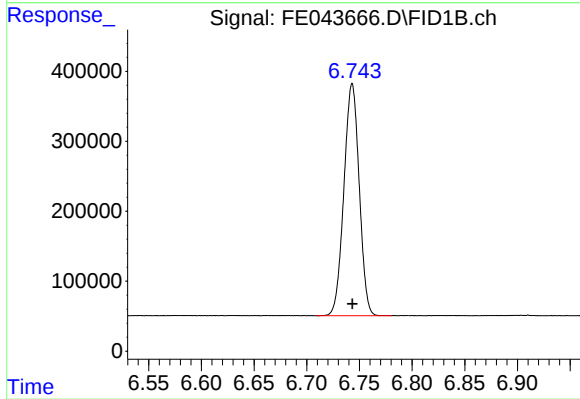
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3304594
Conc: 20.00 ug/ml



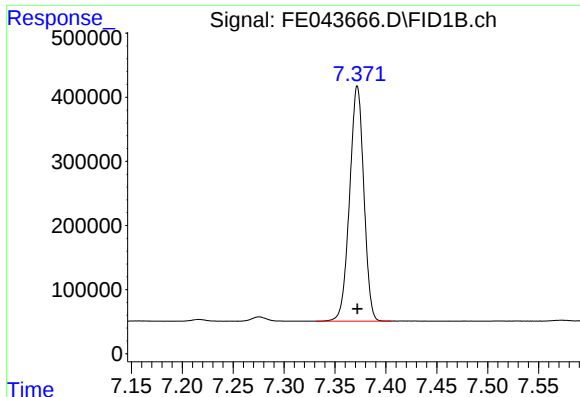
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3648515
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

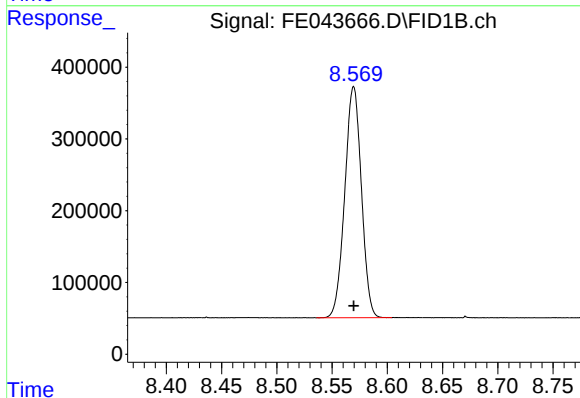
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 3352082
Conc: 20.00 ug/ml



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

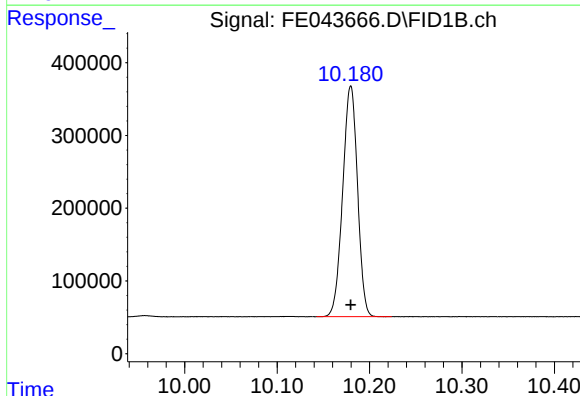
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3568635
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



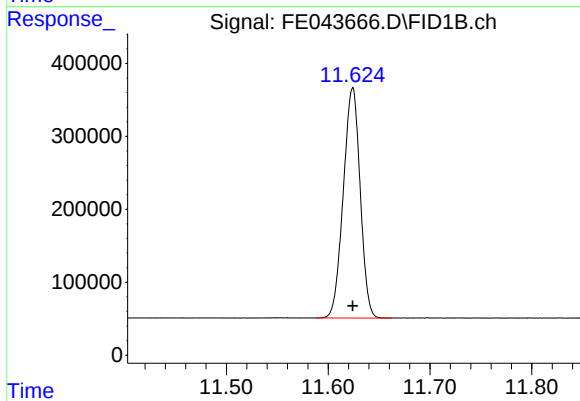
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 3371240
Conc: 20.00 ug/ml



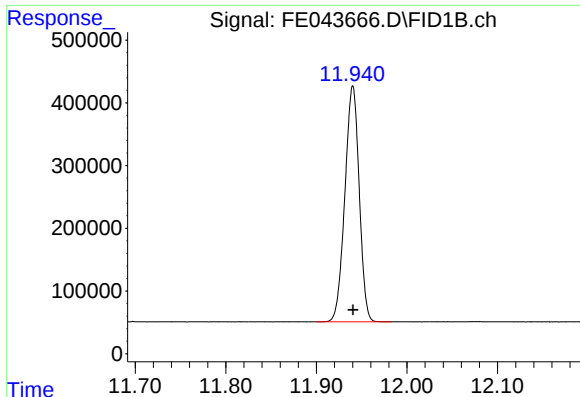
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3536265
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

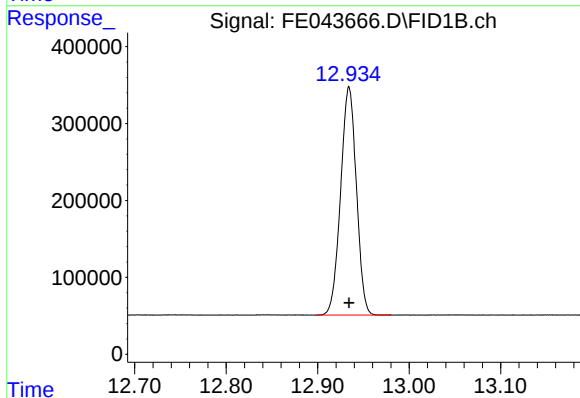
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 3634187
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

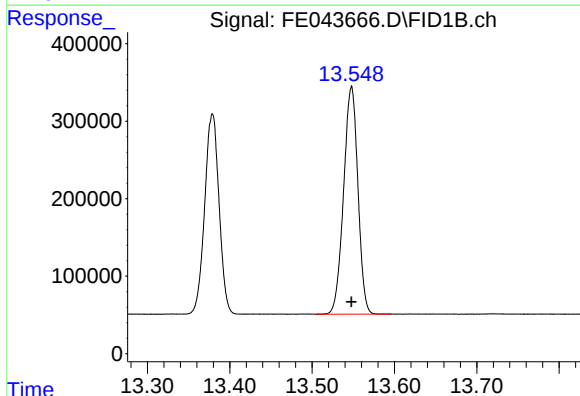
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 4135842
Conc: 20.00 ug/ml

Instrument :
FID_E
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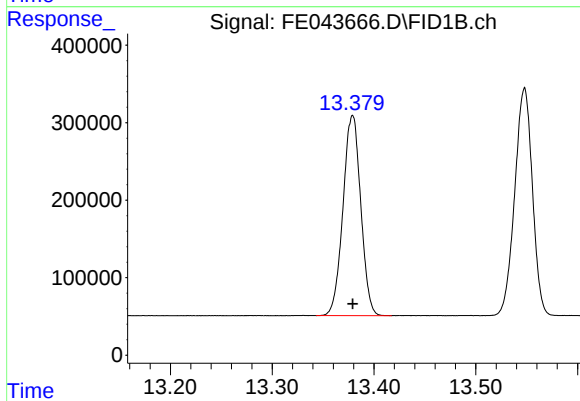
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3556008
Conc: 20.00 ug/ml



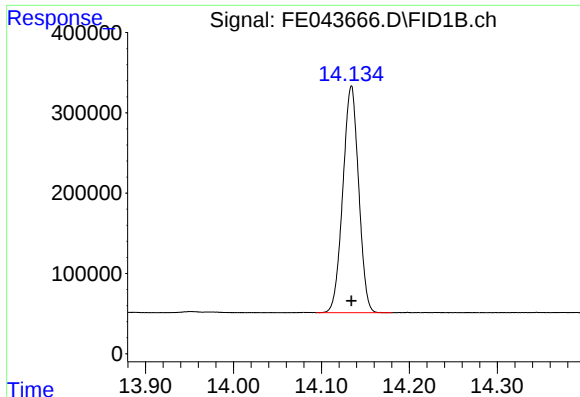
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3547066
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

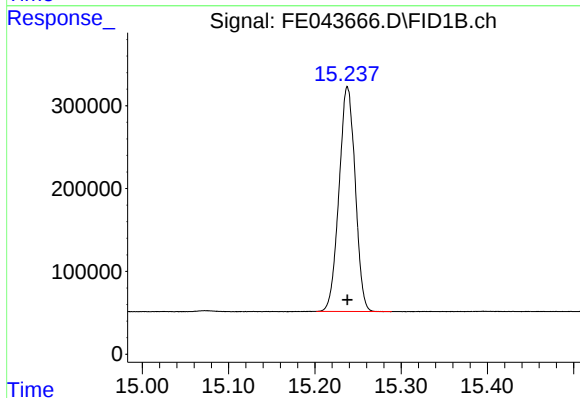
R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3134159
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

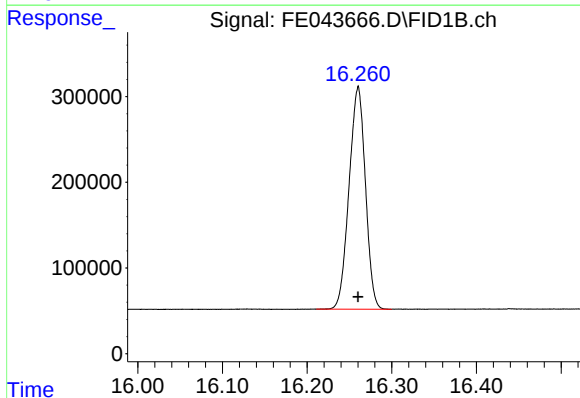
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3522646
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



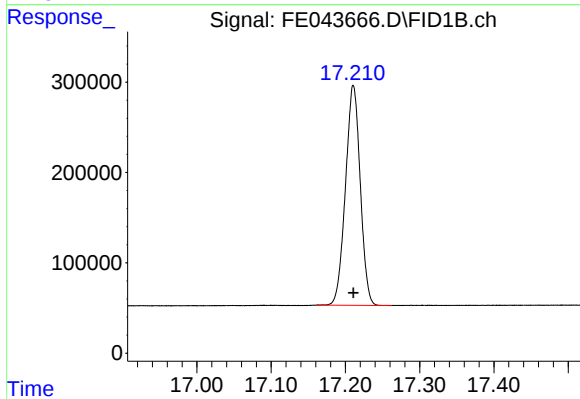
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3533451
Conc: 20.00 ug/ml



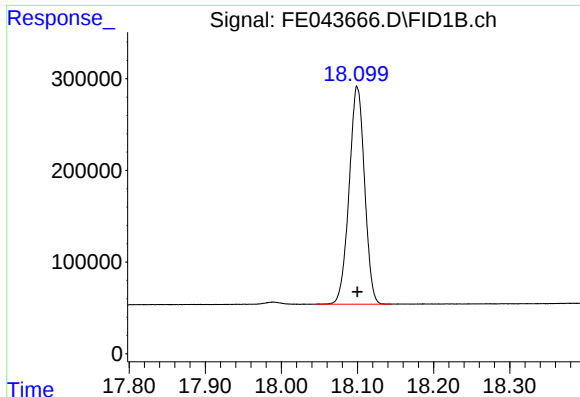
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3481294
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

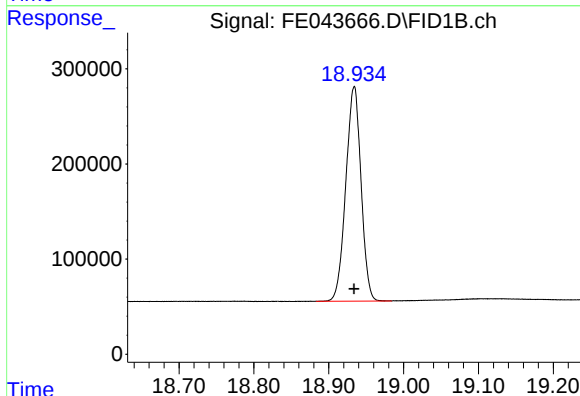
R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3371686
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

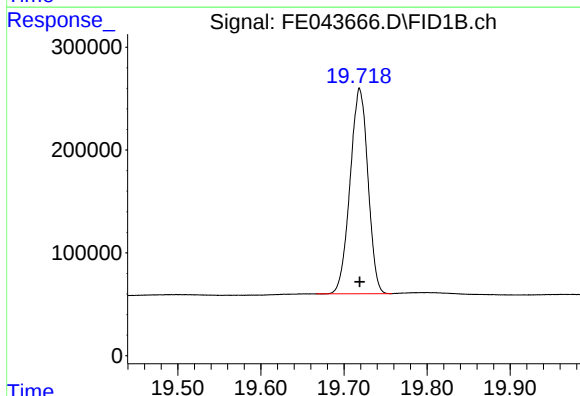
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3344942
Conc: 20.00 ug/ml

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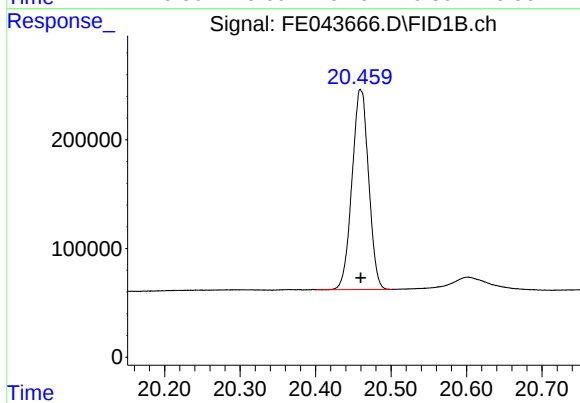
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3189197
Conc: 20.00 ug/ml



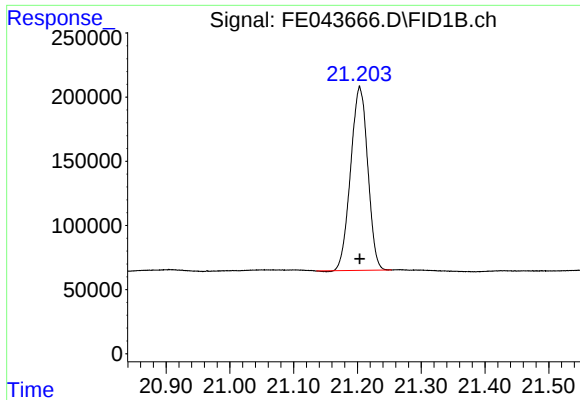
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 2987267
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

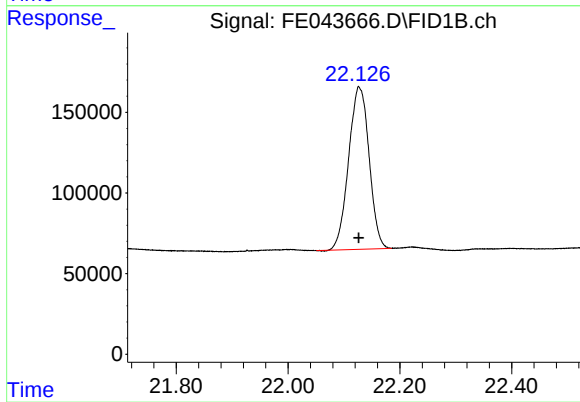
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 2815147
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2669042
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 2560087
Conc: 20.00 ug/ml