

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053106.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2025 21:28
 Operator : YP\AJ
 Sample : Q1681-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-12MSD

Integration File: autoint1.e
 Quant Time: Apr 02 04:50:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.893	5234063	32.134 ug/ml
Spiked Amount 50.000		Recovery =	64.27%
12) S 1-chlorooctadecane (S...	13.337	3978547	33.142 ug/ml
Spiked Amount 50.000		Recovery =	66.28%
Target Compounds			
1) T n-Nonane (C9)	3.235	4414216	28.508 ug/ml
2) T n-Decane (C10)	4.500	4908731	31.294 ug/ml
3) T A~Naphthalene (C11.7)	6.212	5521275	32.867 ug/ml
4) T n-Dodecane (C12)	6.681	5335661	34.116 ug/ml
5) T A~2-methylnaphthalene...	7.314	5194984	32.558 ug/ml
6) T n-Tetradecane (C14)	8.518	5591041	36.515 ug/ml
7) T n-Hexadecane (C16)	10.130	5845462	37.921 ug/ml
8) T n-Octadecane (C18)	11.579	5787491	38.159 ug/ml
10) T n-Eicosane (C20)	12.893	5864339	41.131 ug/ml
11) T n-Heneicosane (C21)	13.506	5607930	40.412 ug/ml
13) T n-Docosane (C22)	14.095	5548235	40.511 ug/ml
14) T n-Tetracosane (C24)	15.187	11515706	85.264 ug/ml
15) T n-Hexacosane (C26)	16.225	5443726	40.805 ug/ml
16) T n-Octacosane (C28)	17.175	5754141	43.603 ug/ml
17) T n-Tricontane (C30)	18.066	5666468	41.807 ug/ml
18) T n-Dotriacontane (C32)	18.900	5799756	43.101 ug/ml
19) T n-Tetratriacontane (C34)	19.684	6018851	46.515 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5918383	49.822 ug/ml
21) T n-Octatriacontane (C38)	21.166	6002813	52.227 ug/ml
22) T n-Tetracontane (C40)	22.080	5738409	51.093 ug/ml

(f)=RT Delta > 1/2 Window

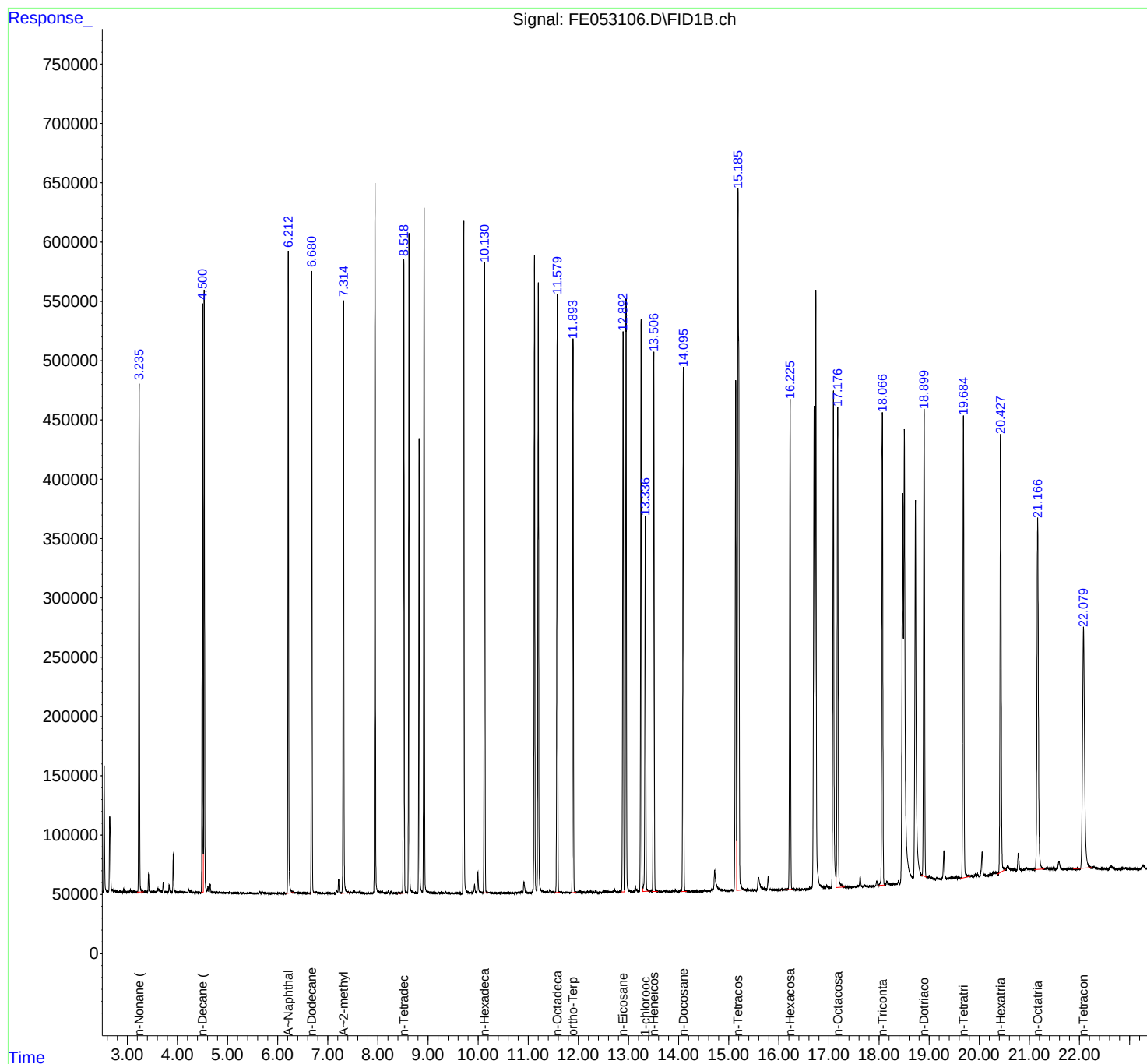
(m)=manual int.

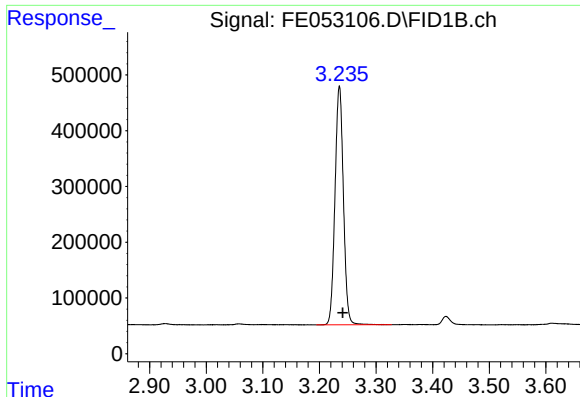
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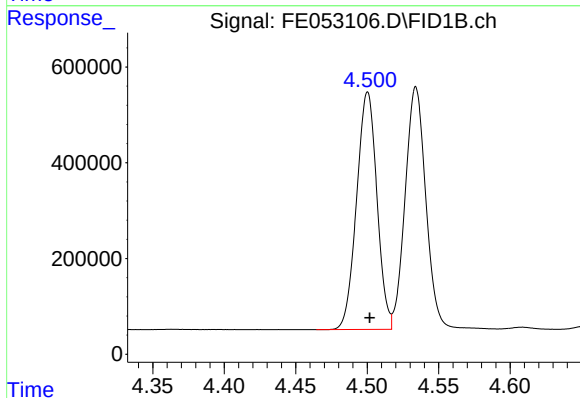




#1 n-Nonane (C9)

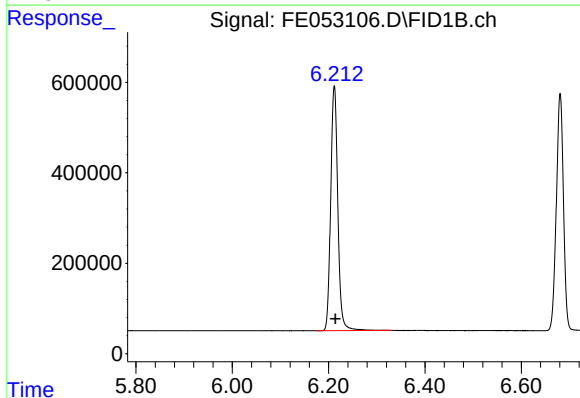
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 4414216
Conc: 28.51 ug/ml

Instrument :
FID_E
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TP-12MSD



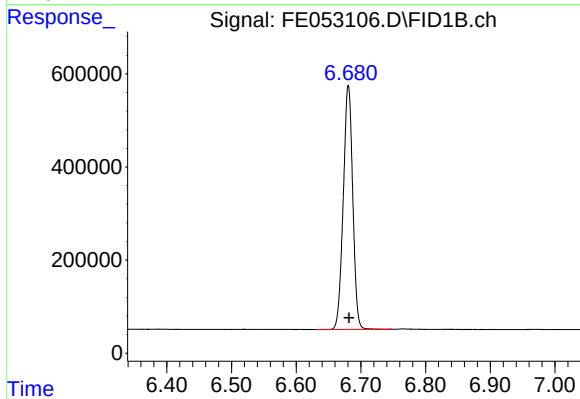
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 4908731
Conc: 31.29 ug/ml



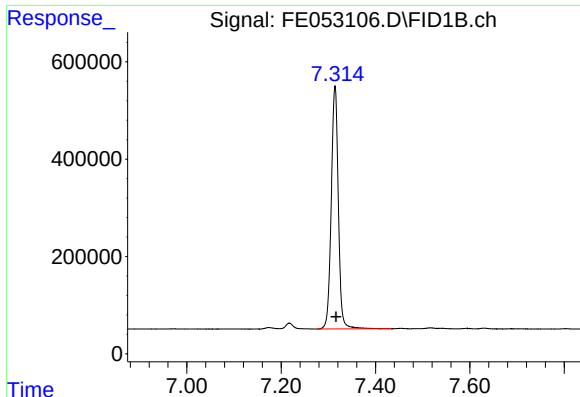
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 5521275
Conc: 32.87 ug/ml



#4 n-Dodecane (C12)

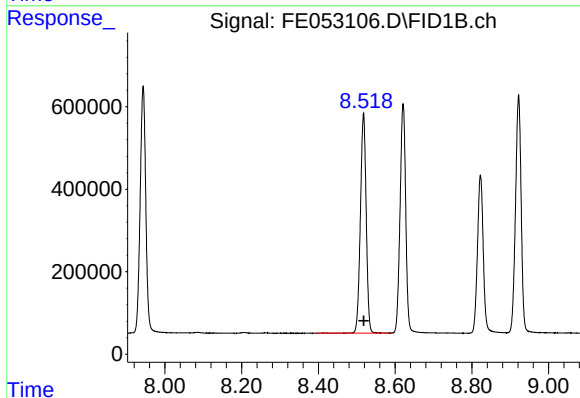
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 5335661
Conc: 34.12 ug/ml



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

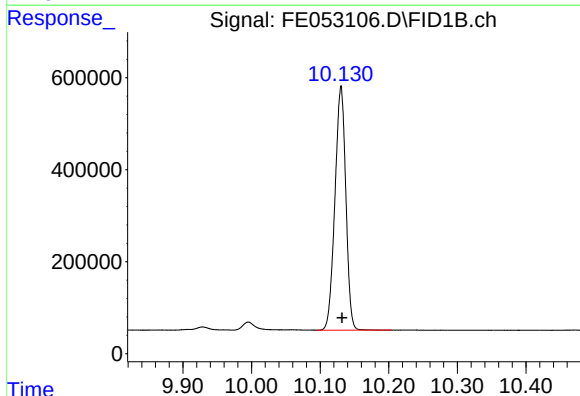
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 5194984
Conc: 32.56 ug/ml

Instrument :
FID_E
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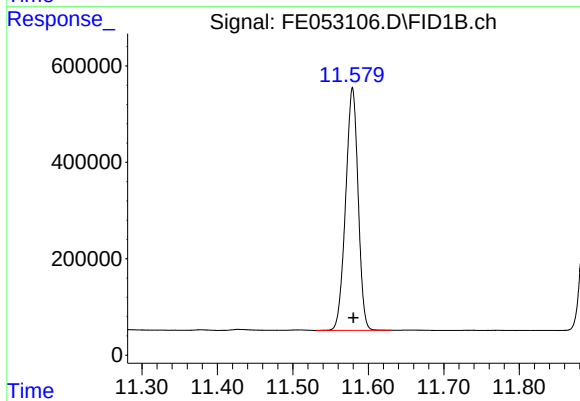
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 5591041
Conc: 36.52 ug/ml



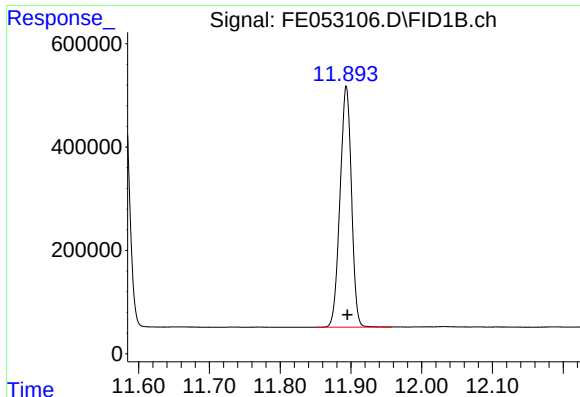
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 5845462
Conc: 37.92 ug/ml



#8 n-Octadecane (C18)

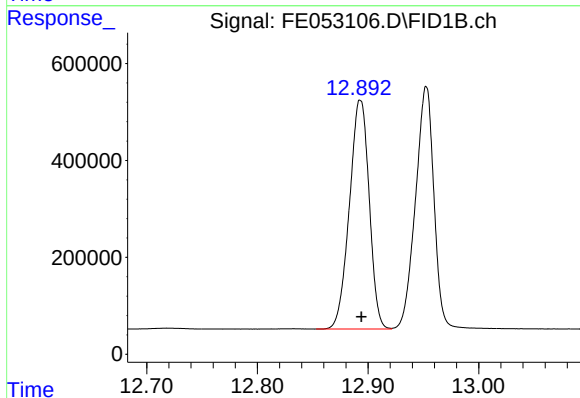
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 5787491
Conc: 38.16 ug/ml



#9 ortho-Terphenyl (SURR)

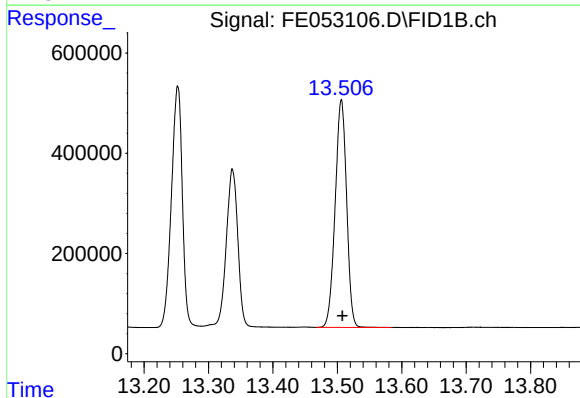
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 5234063
Conc: 32.13 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MSD



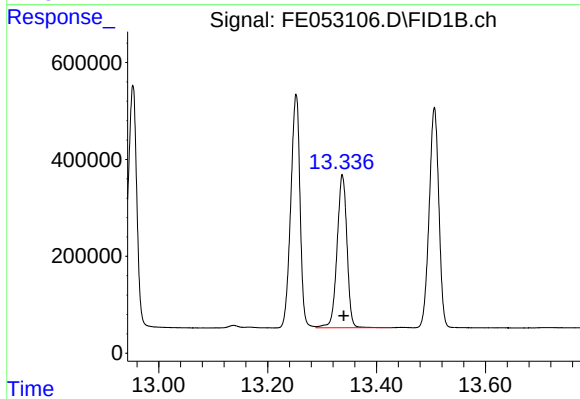
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.001 min
Response: 5864339
Conc: 41.13 ug/ml



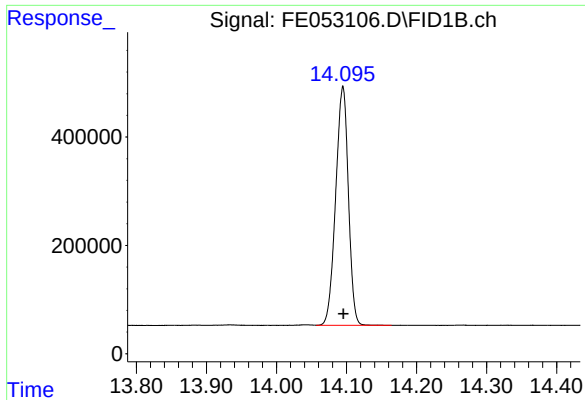
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 5607930
Conc: 40.41 ug/ml



#12 1-chlorooctadecane (SURR)

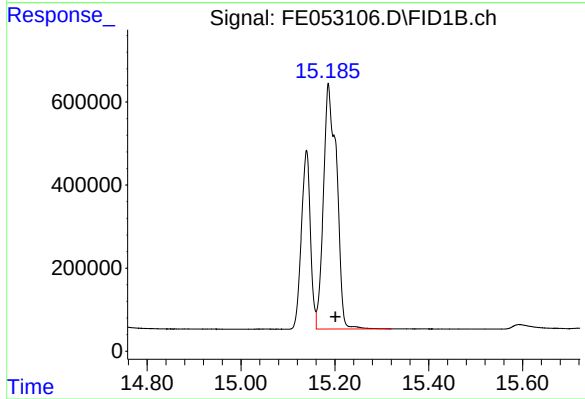
R.T.: 13.337 min
Delta R.T.: -0.002 min
Response: 3978547
Conc: 33.14 ug/ml



#13 n-Docosane (C22)

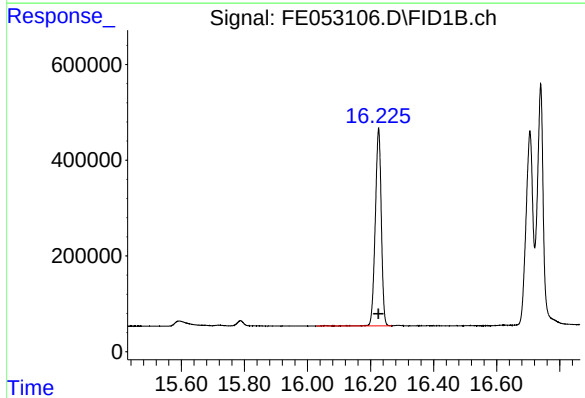
R.T.: 14.095 min
Delta R.T.: -0.001 min
Response: 5548235
Conc: 40.51 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MSD



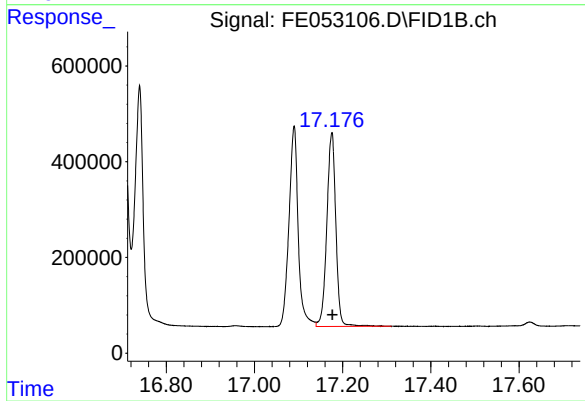
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.015 min
Response: 11515706
Conc: 85.26 ug/ml



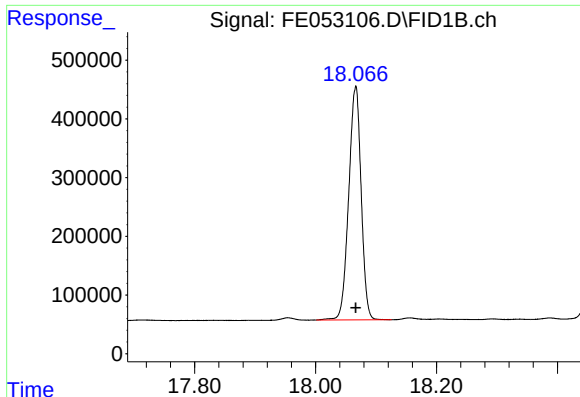
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 5443726
Conc: 40.81 ug/ml



#16 n-Octacosane (C28)

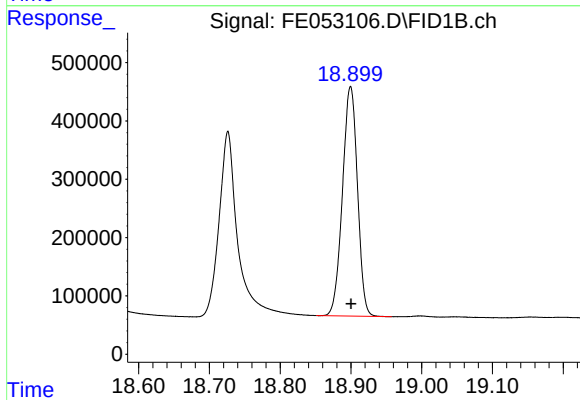
R.T.: 17.175 min
Delta R.T.: -0.001 min
Response: 5754141
Conc: 43.60 ug/ml



#17 n-Tricontane (C30)

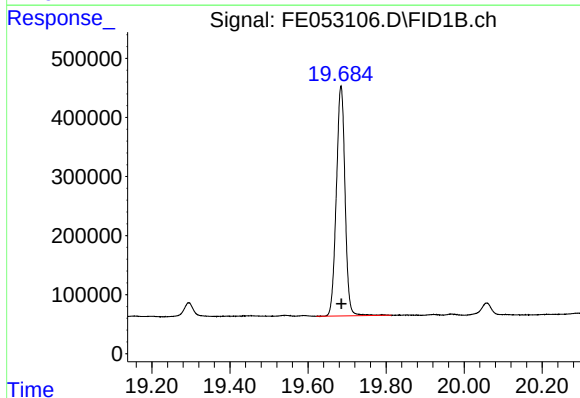
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 5666468
Conc: 41.81 ug/ml

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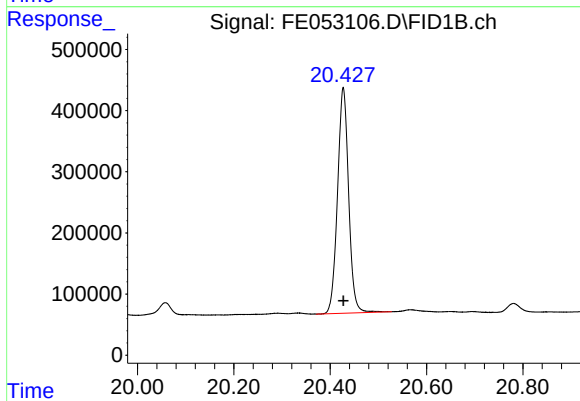
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 5799756
Conc: 43.10 ug/ml



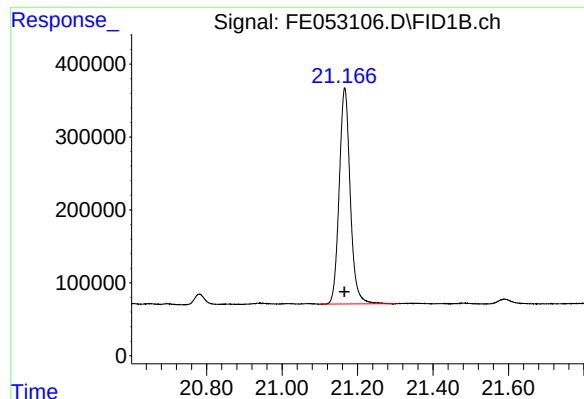
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.001 min
Response: 6018851
Conc: 46.51 ug/ml



#20 n-Hexatriacontane (C36)

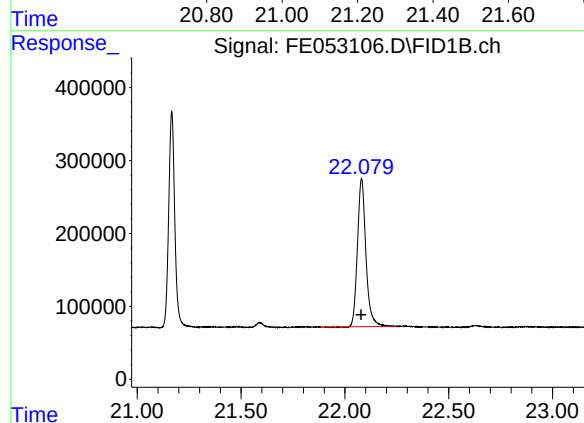
R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 5918383
Conc: 49.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.000 min
Response: 6002813
Conc: 52.23 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-12MSD



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: 0.002 min
Response: 5738409
Conc: 51.09 ug/ml