

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051778.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 11:29
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 27 12:29:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 27 12:22:14 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)	12.025	7107259	49.021 ug/ml
Spiked Amount 50.000		Recovery =	98.04%
12) S 1-chlorooctadecane (S...	13.445	5481064	49.063 ug/ml
Spiked Amount 50.000		Recovery =	98.13%
Target Compounds			
1) T n-Nonane (C9)	3.486	5474915	49.320 ug/ml
2) T n-Decane (C10)	4.720	5680362	49.306 ug/ml
3) T A~Naphthalene (C11.7)	6.410	6545645	49.094 ug/ml
4) T n-Dodecane (C12)	6.859	5928131	49.272 ug/ml
5) T A~2-methylnaphthalene...	7.495	6493285	49.215 ug/ml
6) T n-Tetradecane (C14)	8.672	6051287	49.180 ug/ml
7) T n-Hexadecane (C16)	10.267	6394214	49.126 ug/ml
8) T n-Octadecane (C18)	11.701	6552147	49.063 ug/ml
10) T n-Eicosane (C20)	13.002	6343102	49.000 ug/ml
11) T n-Heneicosane (C21)	13.610	6243380	48.984 ug/ml
13) T n-Docosane (C22)	14.192	6195592	49.010 ug/ml
14) T n-Tetracosane (C24)	15.287	6098524	49.045 ug/ml
15) T n-Hexacosane (C26)	16.301	5909251	49.091 ug/ml
16) T n-Octacosane (C28)	17.245	5695792	49.158 ug/ml
17) T n-Tricontane (C30)	18.126	5650389	49.139 ug/ml
18) T n-Dotriacontane (C32)	18.953	5367905	49.216 ug/ml
19) T n-Tetratriacontane (C34)	19.731	4736724	49.220 ug/ml
20) T n-Hexatriacontane (C36)	20.466	4201603	49.360 ug/ml
21) T n-Octatriacontane (C38)	21.209	4063270	49.410 ug/ml
22) T n-Tetracontane (C40)	22.141	4168979	49.469 ug/ml

(f)=RT Delta > 1/2 Window

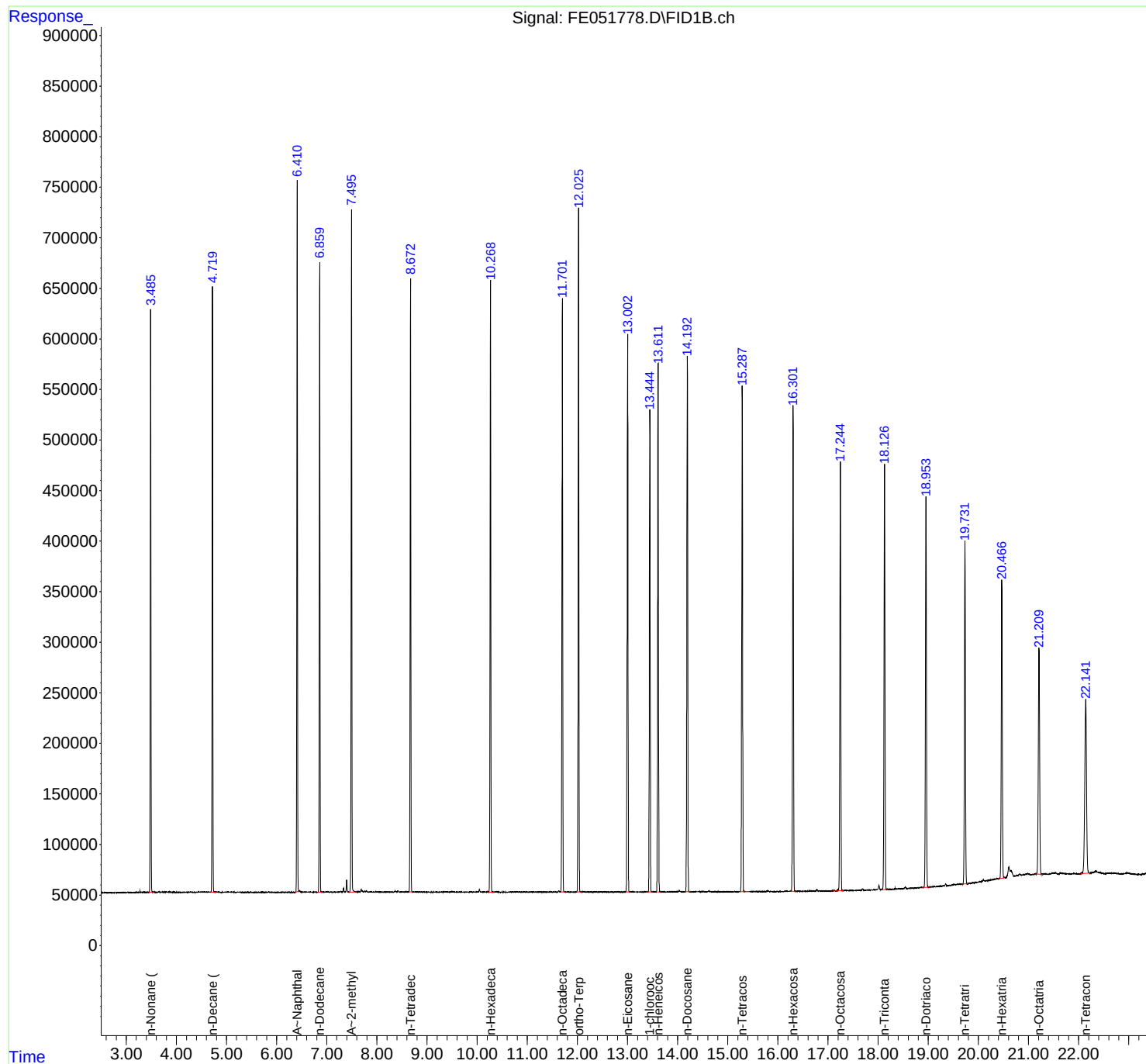
(m)=manual int.

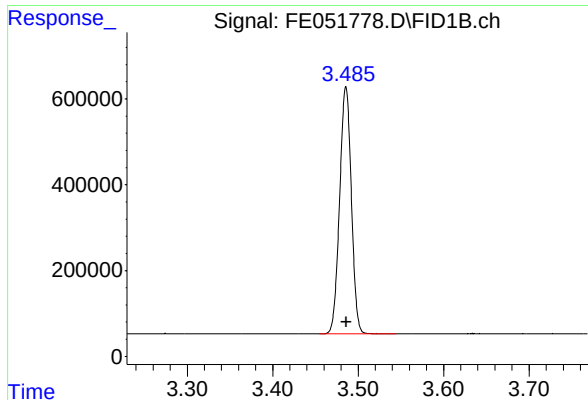
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
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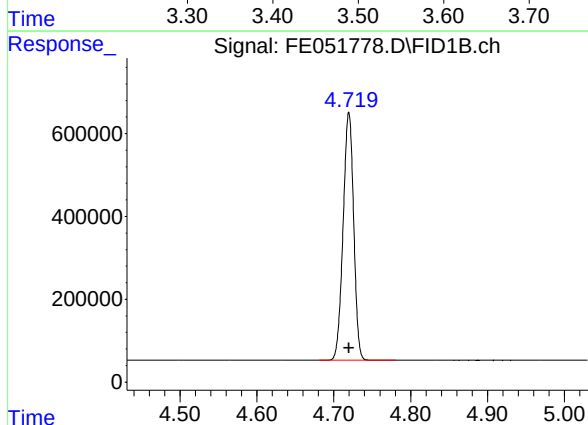




#1 n-Nonane (C9)

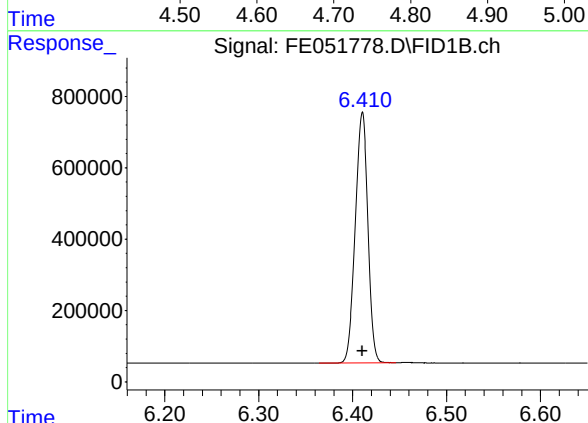
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 5474915
Conc: 49.32 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



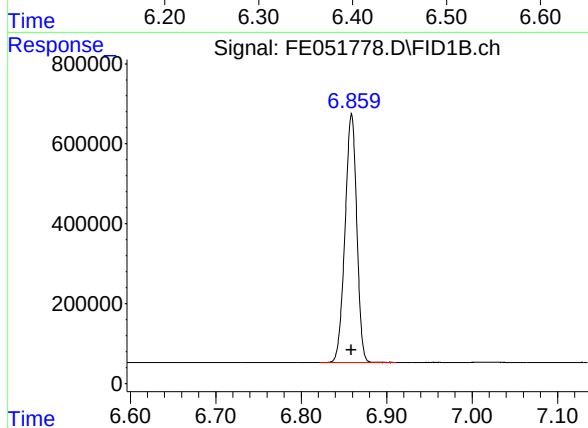
#2 n-Decane (C10)

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 5680362
Conc: 49.31 ug/ml



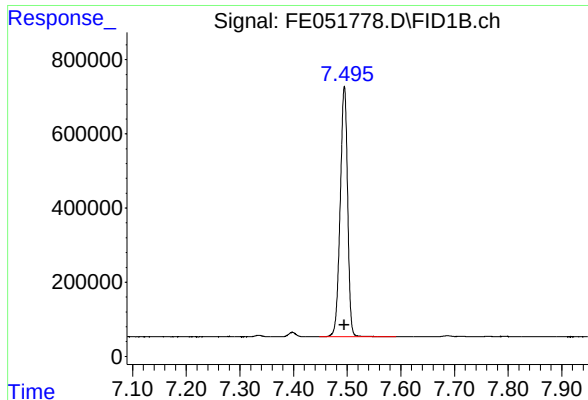
#3 A~Naphthalene (C11.7)

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 6545645
Conc: 49.09 ug/ml



#4 n-Dodecane (C12)

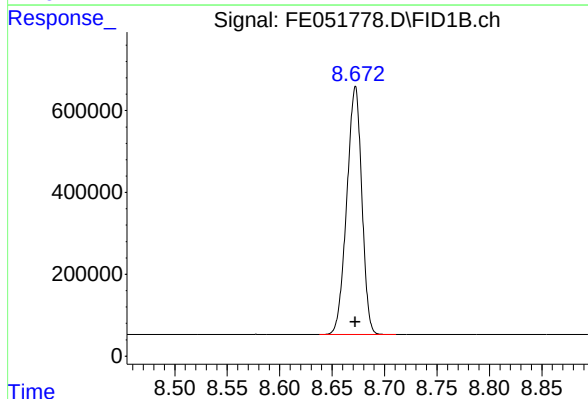
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 5928131
Conc: 49.27 ug/ml



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

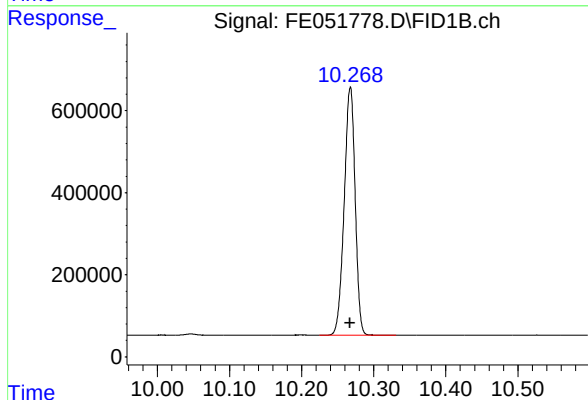
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 6493285
Conc: 49.22 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



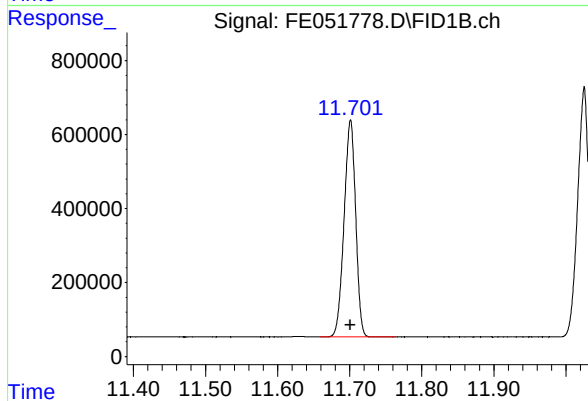
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 6051287
Conc: 49.18 ug/ml



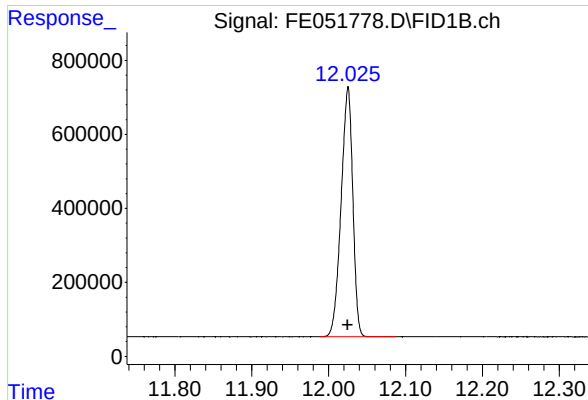
#7 n-Hexadecane (C16)

R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 6394214
Conc: 49.13 ug/ml



#8 n-Octadecane (C18)

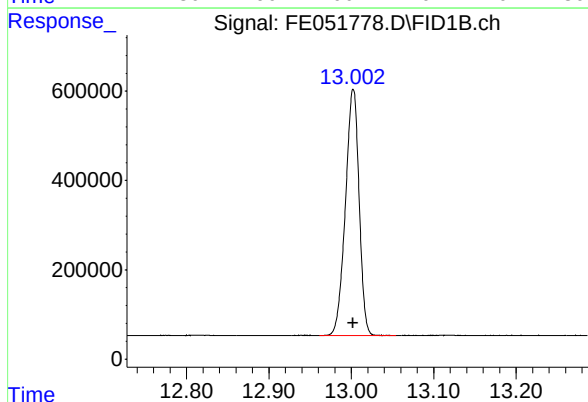
R.T.: 11.701 min
Delta R.T.: 0.000 min
Response: 6552147
Conc: 49.06 ug/ml



#9 ortho-Terphenyl (SURR)

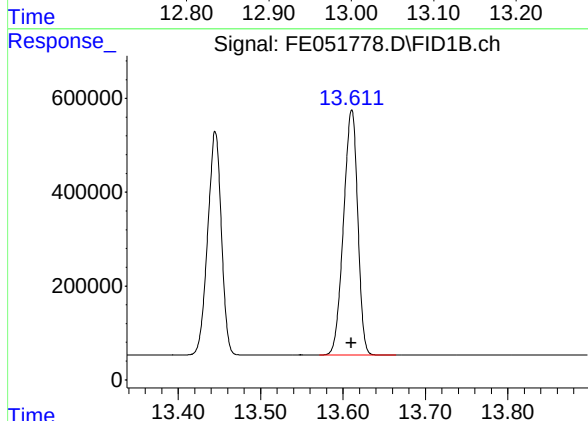
R.T.: 12.025 min
Delta R.T.: 0.000 min
Response: 7107259
Conc: 49.02 ug/ml

Instrument :
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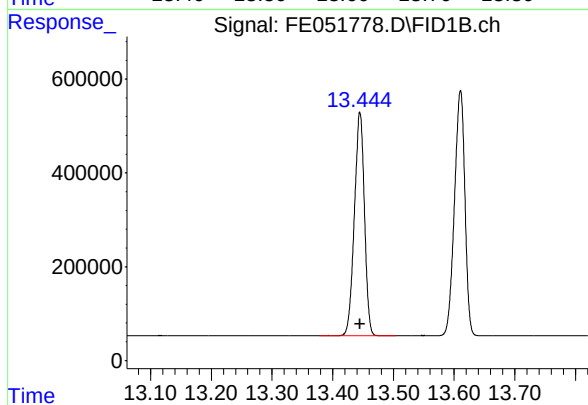
#10 n-Eicosane (C20)

R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 6343102
Conc: 49.00 ug/ml



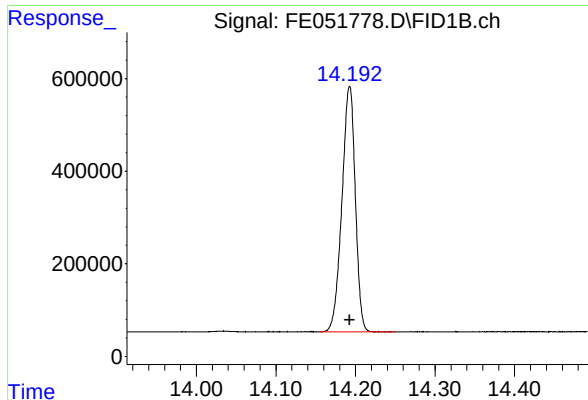
#11 n-Heneicosane (C21)

R.T.: 13.610 min
Delta R.T.: 0.000 min
Response: 6243380
Conc: 48.98 ug/ml



#12 1-chlorooctadecane (SURR)

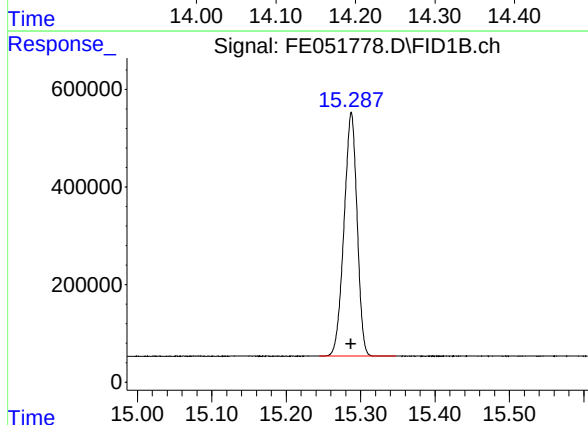
R.T.: 13.445 min
Delta R.T.: 0.000 min
Response: 5481064
Conc: 49.06 ug/ml



#13 n-Docosane (C22)

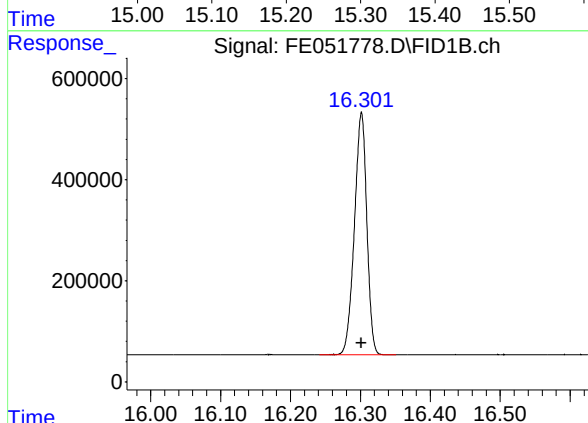
R.T.: 14.192 min
Delta R.T.: 0.000 min
Response: 6195592
Conc: 49.01 ug/ml

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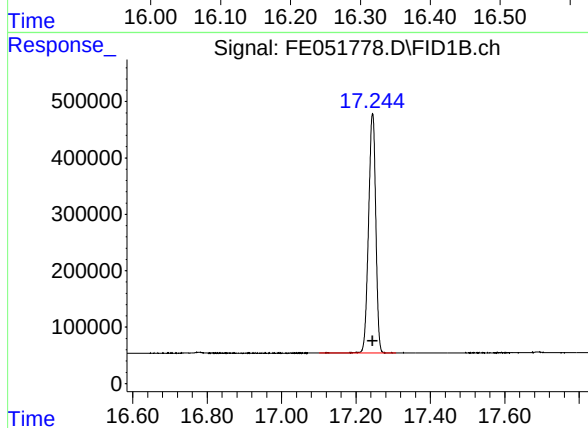
#14 n-Tetracosane (C24)

R.T.: 15.287 min
Delta R.T.: 0.000 min
Response: 6098524
Conc: 49.04 ug/ml



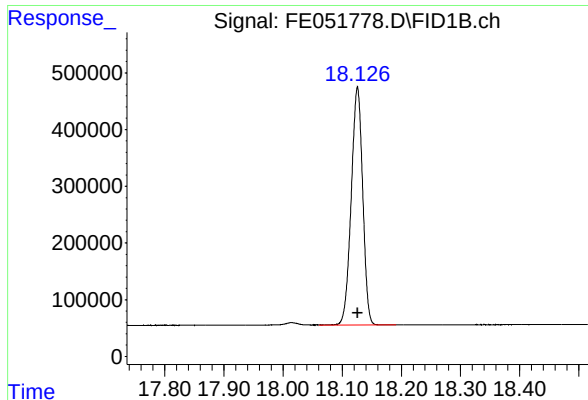
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.000 min
Response: 5909251
Conc: 49.09 ug/ml



#16 n-Octacosane (C28)

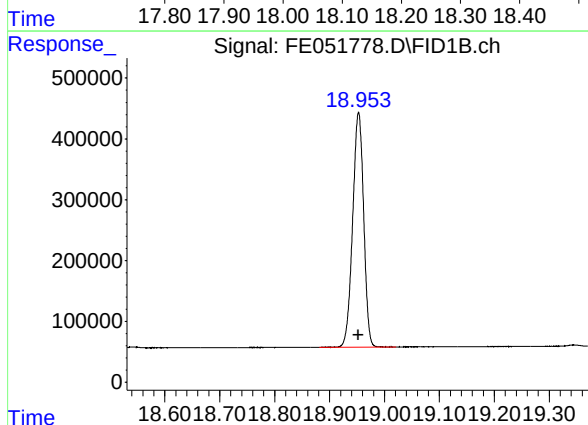
R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 5695792
Conc: 49.16 ug/ml



#17 n-Tricontane (C30)

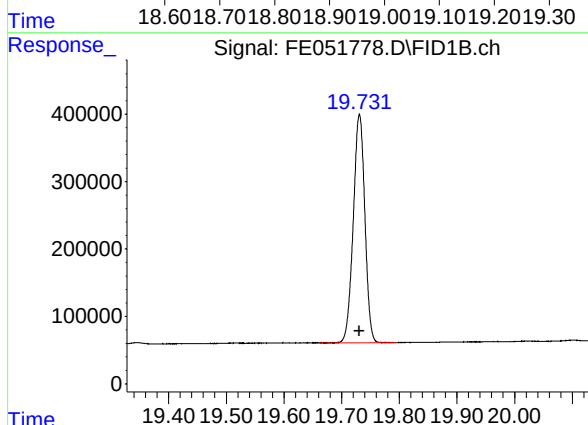
R.T.: 18.126 min
Delta R.T.: 0.000 min
Response: 5650389
Conc: 49.14 ug/ml

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FID_E
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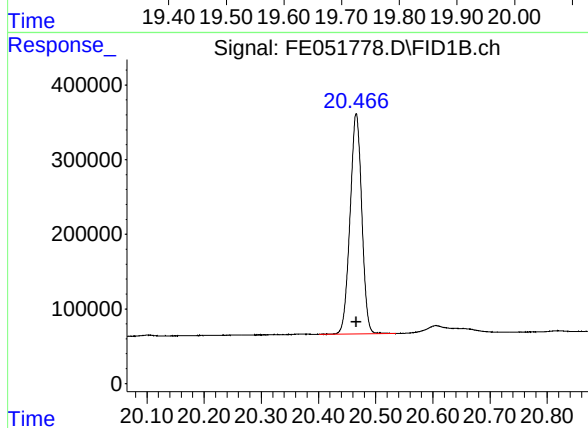
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 5367905
Conc: 49.22 ug/ml



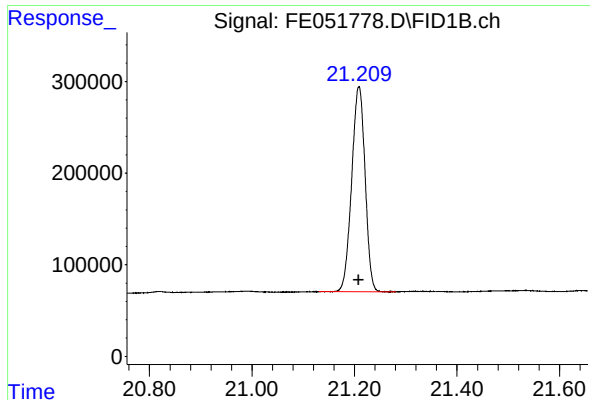
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.000 min
Response: 4736724
Conc: 49.22 ug/ml



#20 n-Hexatriacontane (C36)

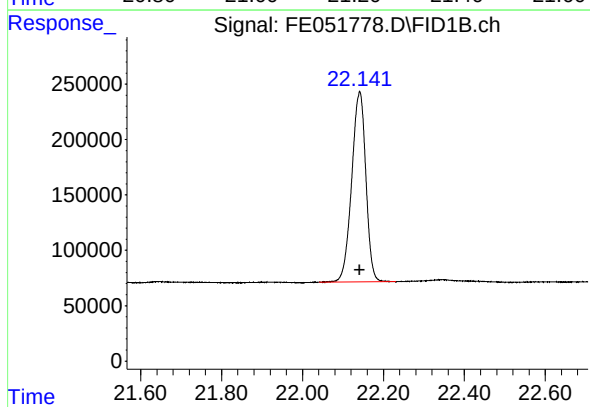
R.T.: 20.466 min
Delta R.T.: 0.000 min
Response: 4201603
Conc: 49.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 4063270
Conc: 49.41 ug/ml

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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.000 min
Response: 4168979
Conc: 49.47 ug/ml