

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
 Data File : FE054265.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 02:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 10 07:14:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:11:27 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)	11.835	3255779	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.280	2402795	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.181	2456578	20.000 ug/ml
2) T n-Decane (C10)	4.444	2465621	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.160	2656975	20.000 ug/ml
4) T n-Dodecane (C12)	6.627	2532823	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.263	2638857	20.000 ug/ml
6) T n-Tetradecane (C14)	8.461	2556038	20.000 ug/ml
7) T n-Hexadecane (C16)	10.075	2620164	20.000 ug/ml
8) T n-Octadecane (C18)	11.521	2661552	20.000 ug/ml
10) T n-Eicosane (C20)	12.835	2635818	20.000 ug/ml
11) T n-Heneicosane (C21)	13.448	2620225	20.000 ug/ml
13) T n-Docosane (C22)	14.035	2581183	20.000 ug/ml
14) T n-Tetracosane (C24)	15.141	2540142	20.000 ug/ml
15) T n-Hexacosane (C26)	16.164	2471862	20.000 ug/ml
16) T n-Octacosane (C28)	17.115	2413629	20.000 ug/ml
17) T n-Tricontane (C30)	18.005	2430216	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.839	2461765	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2449101	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2549019	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.096	2617727	20.000 ug/ml
22) T n-Tetracontane (C40)	21.988	2661920	20.000 ug/ml

(f)=RT Delta > 1/2 Window

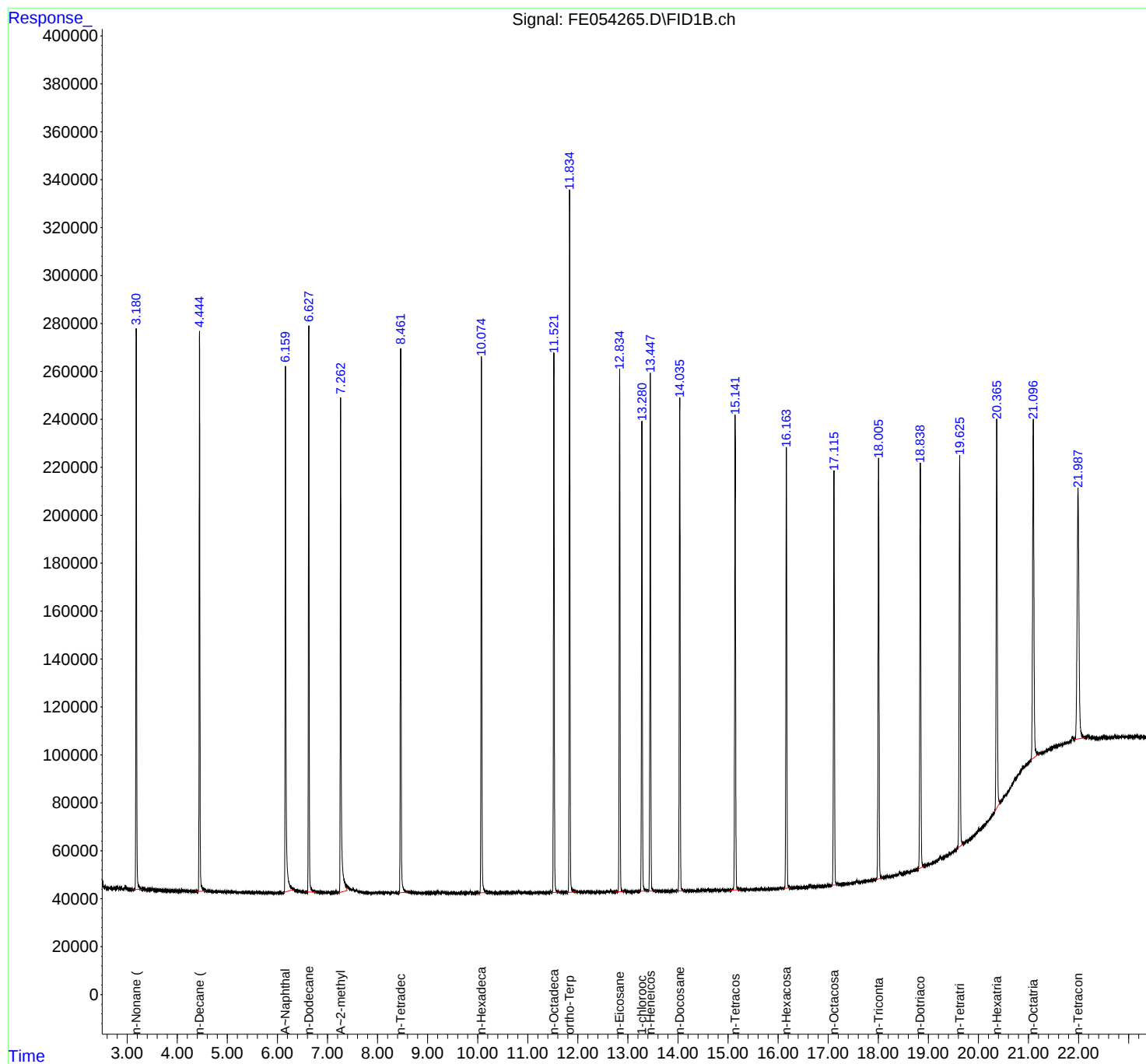
(m)=manual int.

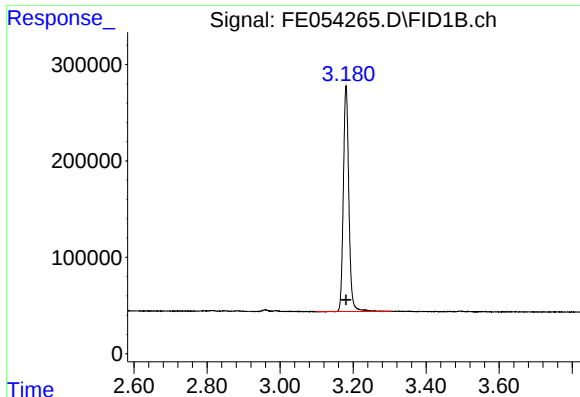
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061025AL\
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Signal Info : 20M x 0.18mm x 0.18um

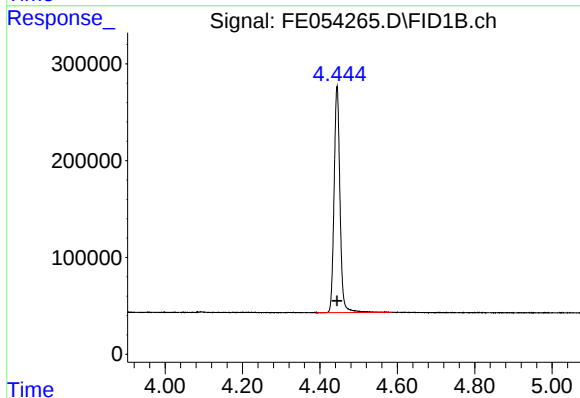




#1 n-Nonane (C9)

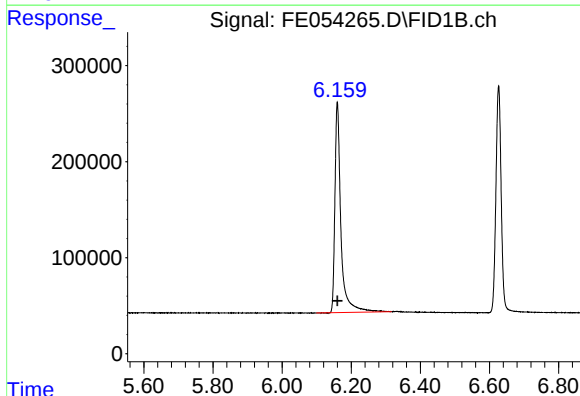
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 2456578
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



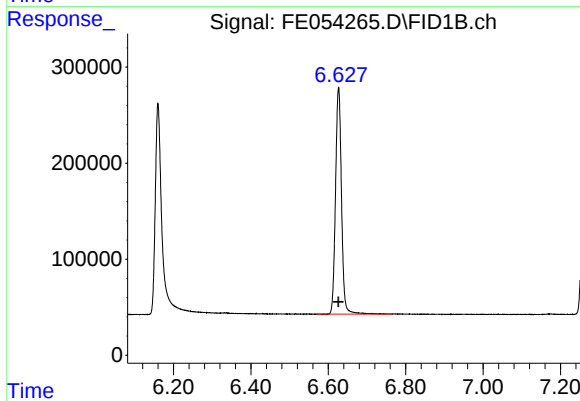
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 2465621
Conc: 20.00 ug/ml



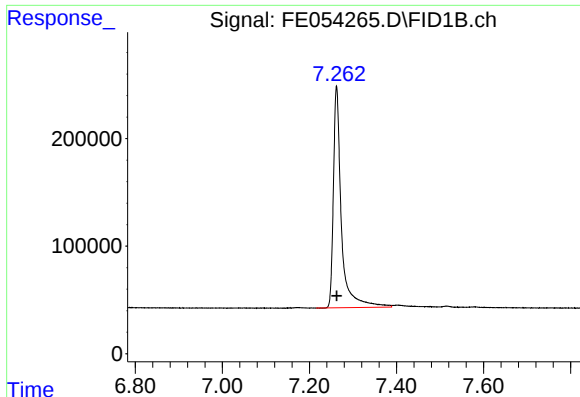
#3 A~Naphthalene (C11.7)

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 2656975
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

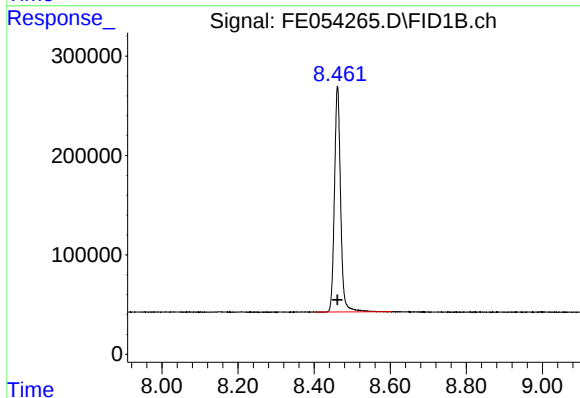
R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 2532823
Conc: 20.00 ug/ml



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

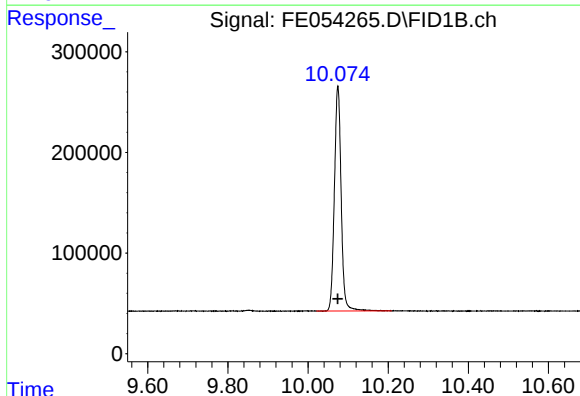
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2638857
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



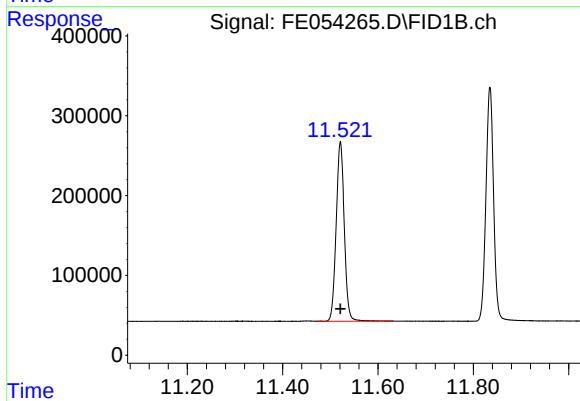
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2556038
Conc: 20.00 ug/ml



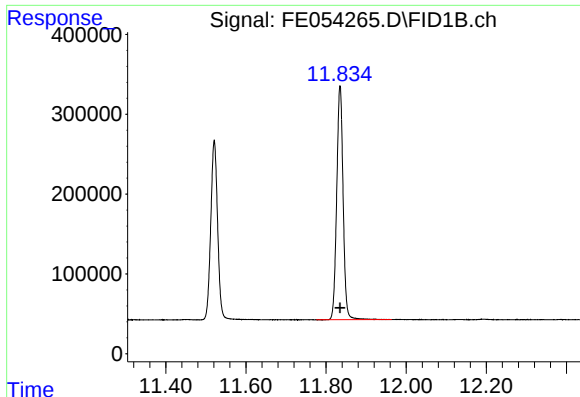
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 2620164
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

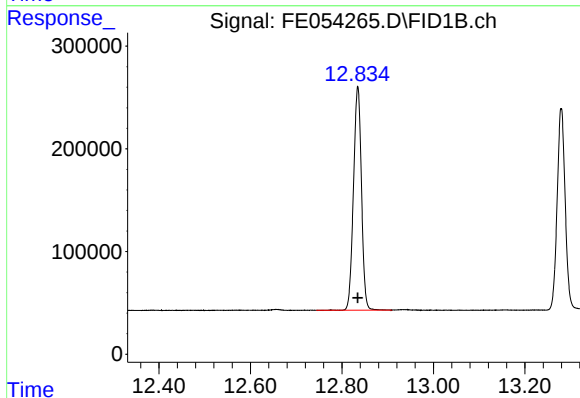
R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 2661552
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

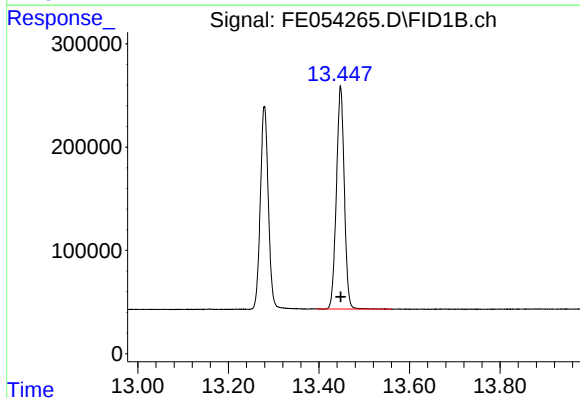
R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 3255779
Conc: 20.00 ug/ml

Instrument :
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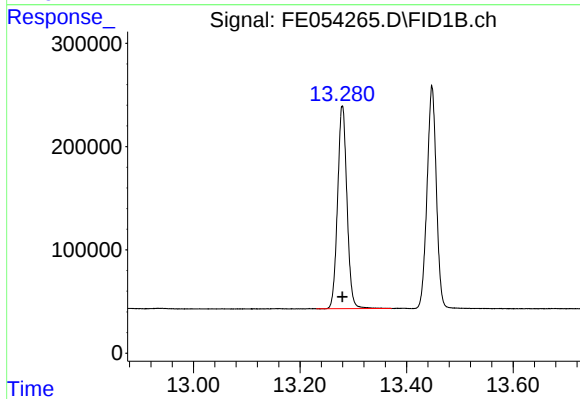
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 2635818
Conc: 20.00 ug/ml



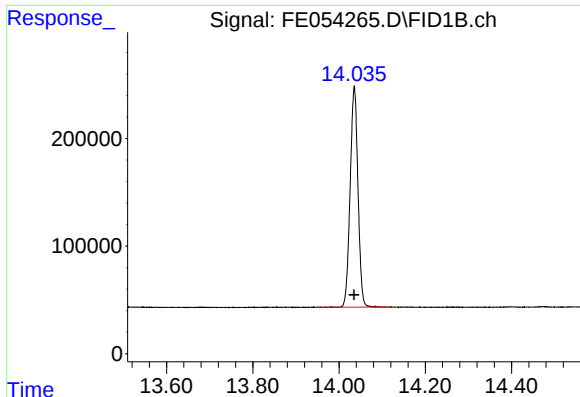
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: 0.000 min
Response: 2620225
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

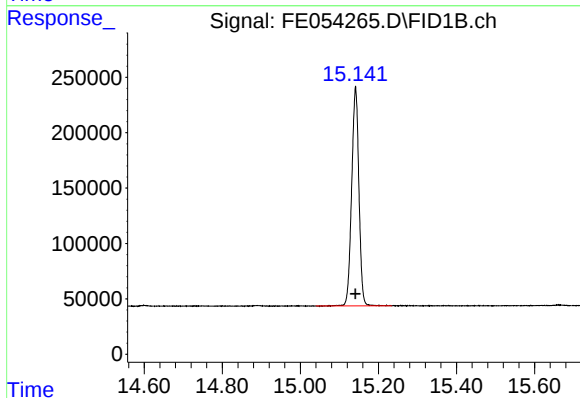
R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 2402795
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

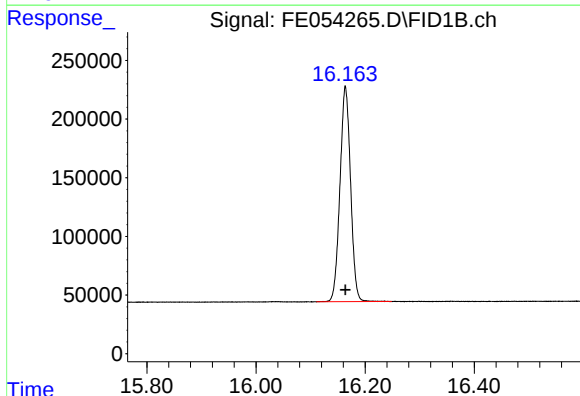
R.T.: 14.035 min
Delta R.T.: 0.000 min
Response: 2581183
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



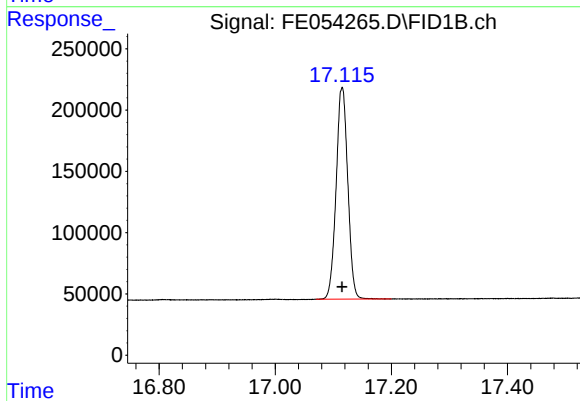
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 2540142
Conc: 20.00 ug/ml



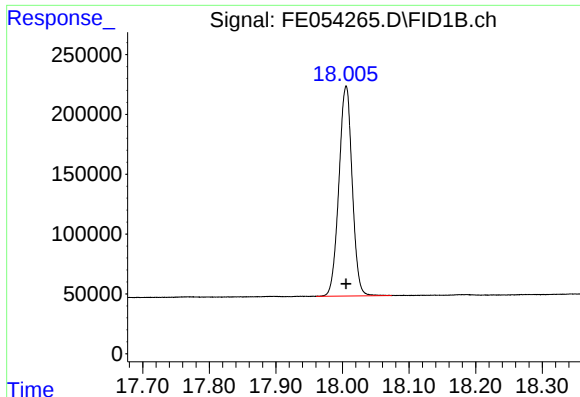
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2471862
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

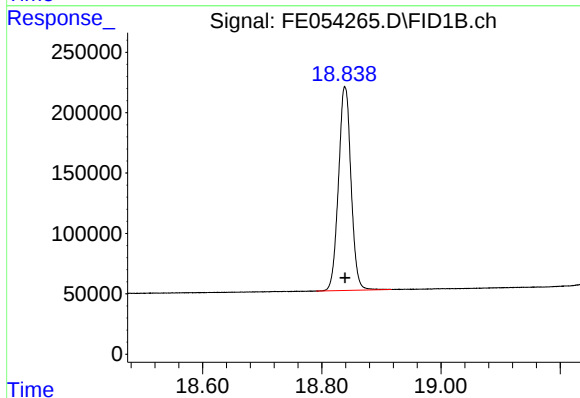
R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 2413629
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

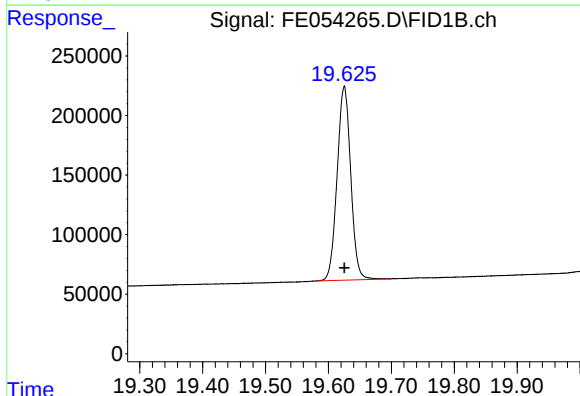
R.T.: 18.005 min
Delta R.T.: 0.000 min
Response: 2430216
Conc: 20.00 ug/ml

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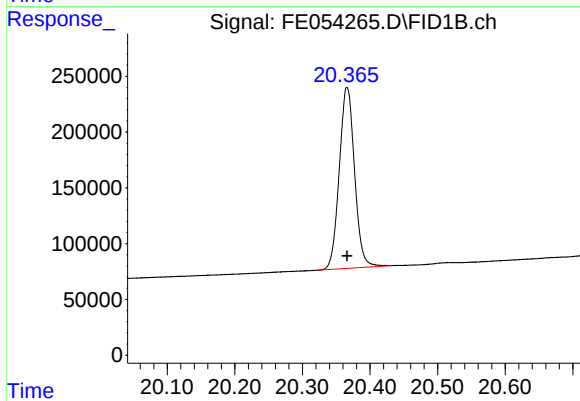
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: 0.000 min
Response: 2461765
Conc: 20.00 ug/ml



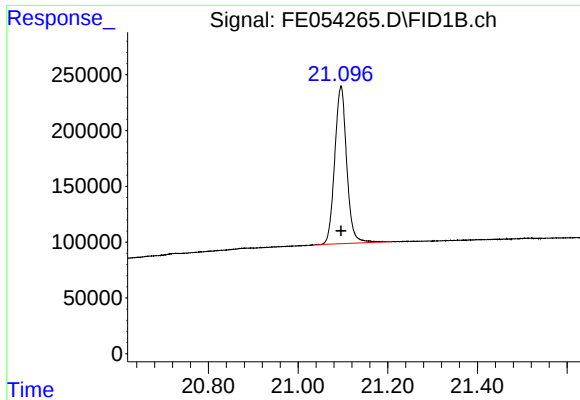
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: 0.000 min
Response: 2449101
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

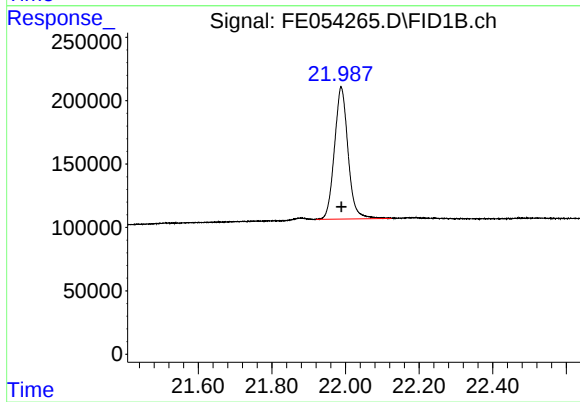
R.T.: 20.366 min
Delta R.T.: 0.000 min
Response: 2549019
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: 0.000 min
Response: 2617727
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: 0.000 min
Response: 2661920
Conc: 20.00 ug/ml