

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053811.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 11:18
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 14 11:58:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 11:58:25 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)	11.848	1724522	10.627 ug/ml
Spiked Amount 50.000		Recovery =	21.25%
12) S 1-chlorooctadecane (S...	13.294	1252547	10.543 ug/ml
Spiked Amount 50.000		Recovery =	21.09%
Target Compounds			
1) T n-Nonane (C9)	3.202	1431091	10.514 ug/ml
2) T n-Decane (C10)	4.462	1429763	10.477 ug/ml
3) T A~Naphthalene (C11.7)	6.175	1487017	10.124 ug/ml
4) T n-Dodecane (C12)	6.642	1441460	10.464 ug/ml
5) T A~2-methylnaphthalene...	7.277	1432714	10.041 ug/ml
6) T n-Tetradecane (C14)	8.477	1421009	10.471 ug/ml
7) T n-Hexadecane (C16)	10.089	1426087	10.515 ug/ml
8) T n-Octadecane (C18)	11.536	1425081	10.580 ug/ml
10) T n-Eicosane (C20)	12.849	1392391	10.619 ug/ml
11) T n-Heneicosane (C21)	13.462	1374784	10.632 ug/ml
13) T n-Docosane (C22)	14.050	1350709	10.611 ug/ml
14) T n-Tetracosane (C24)	15.155	1328348	10.643 ug/ml
15) T n-Hexacosane (C26)	16.178	1299643	10.644 ug/ml
16) T n-Octacosane (C28)	17.129	1292696	10.745 ug/ml
17) T n-Tricontane (C30)	18.018	1326771	10.877 ug/ml
18) T n-Dotriacontane (C32)	18.852	1329611	10.910 ug/ml
19) T n-Tetratriacontane (C34)	19.637	1261085	10.772 ug/ml
20) T n-Hexatriacontane (C36)	20.380	1211680	10.550 ug/ml
21) T n-Octatriacontane (C38)	21.111	1130035	10.339 ug/ml
22) T n-Tetracontane (C40)	22.006	995600	9.790 ug/ml

(f)=RT Delta > 1/2 Window

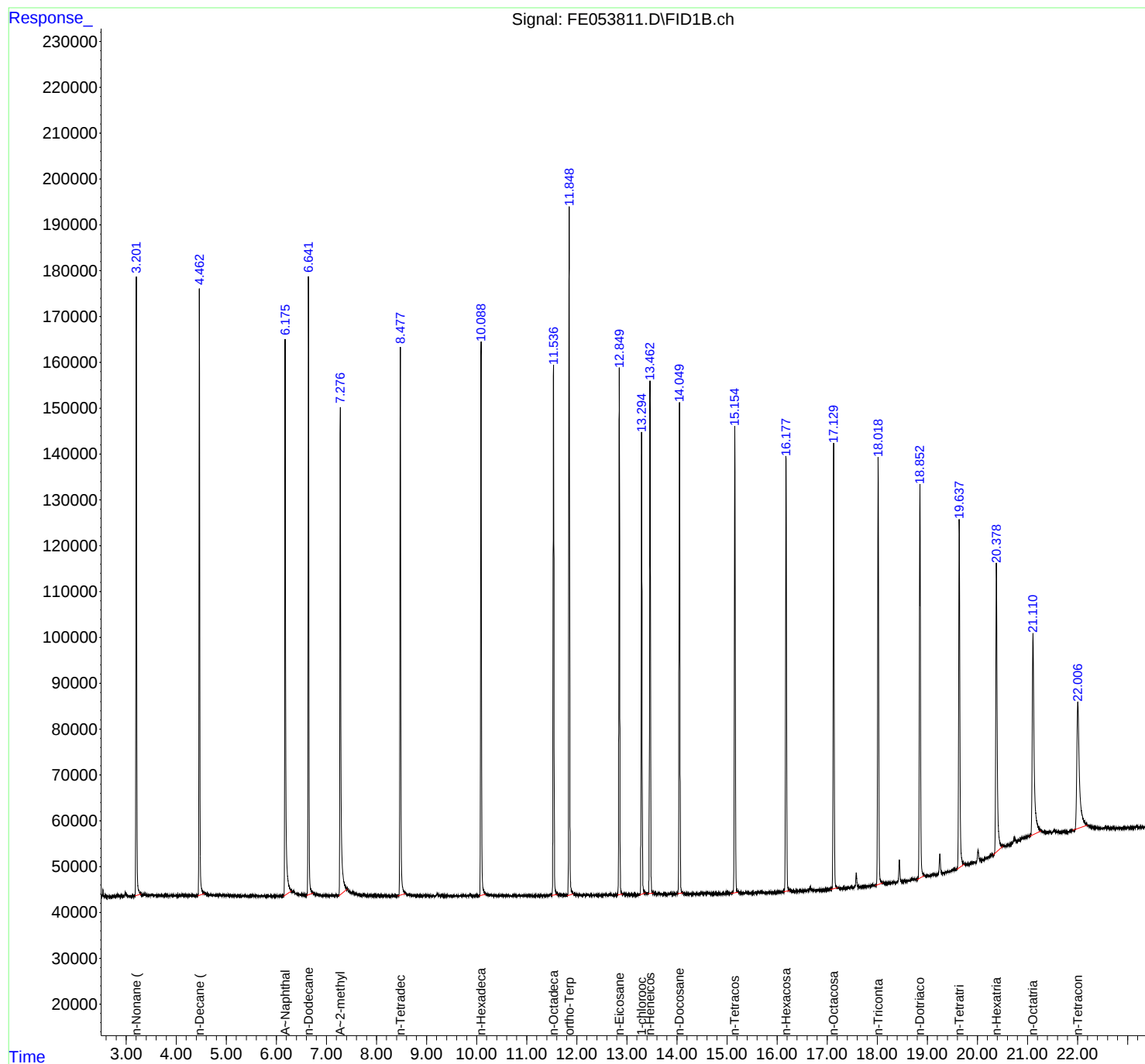
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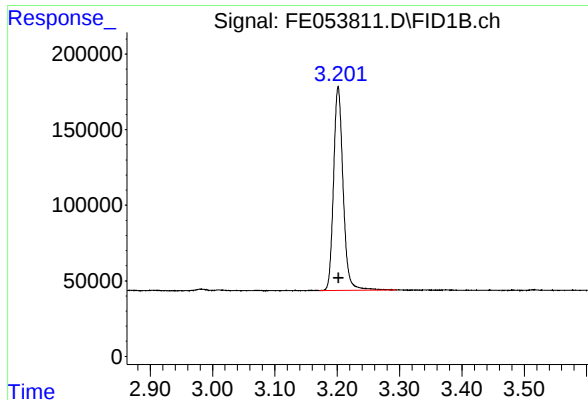
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
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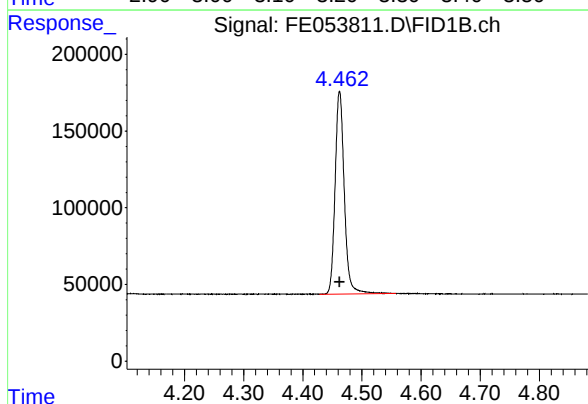




#1 n-Nonane (C9)

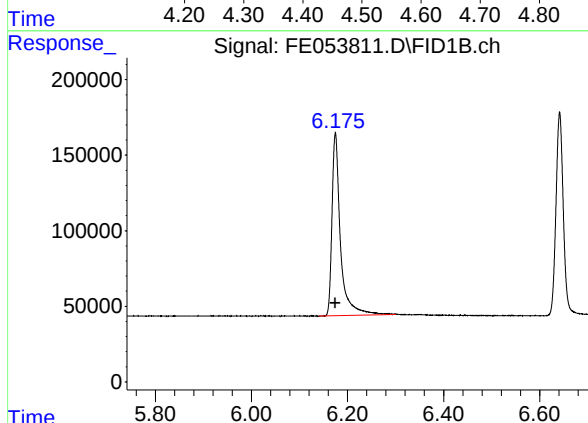
R.T.: 3.202 min
Delta R.T.: 0.000 min
Response: 1431091
Conc: 10.51 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



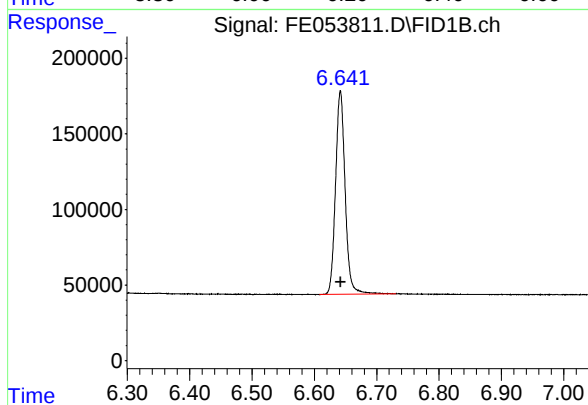
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 1429763
Conc: 10.48 ug/ml



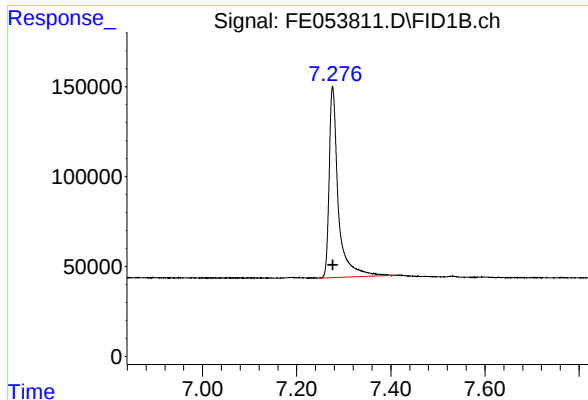
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1487017
Conc: 10.12 ug/ml



#4 n-Dodecane (C12)

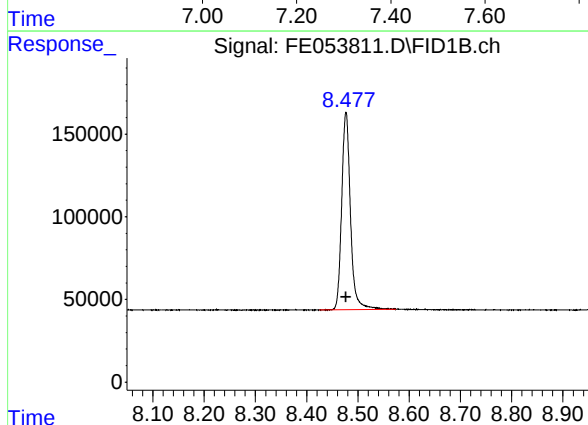
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 1441460
Conc: 10.46 ug/ml



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

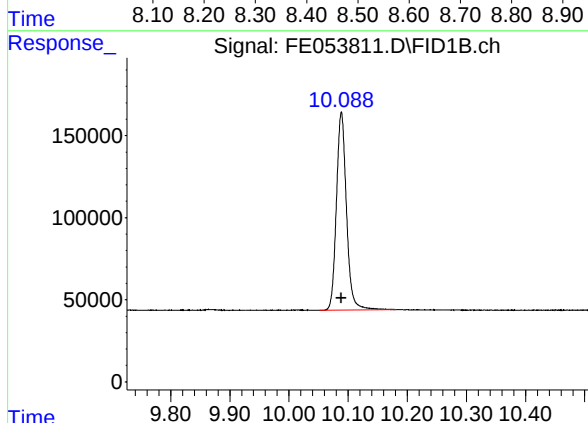
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 1432714
Conc: 10.04 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



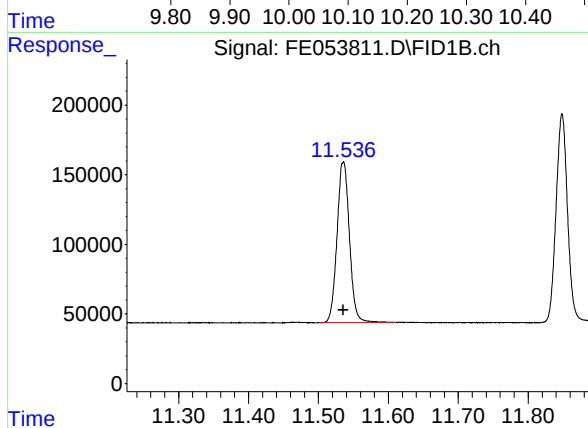
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 1421009
Conc: 10.47 ug/ml



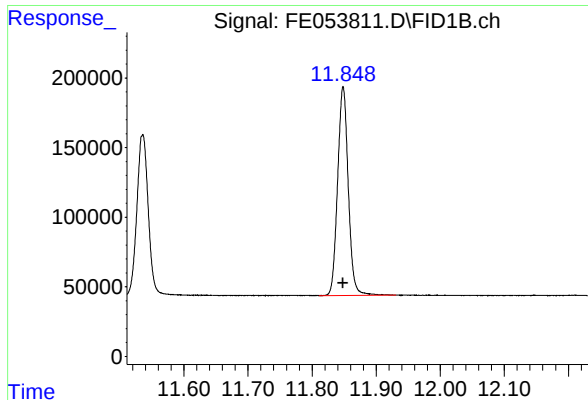
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 1426087
Conc: 10.52 ug/ml



#8 n-Octadecane (C18)

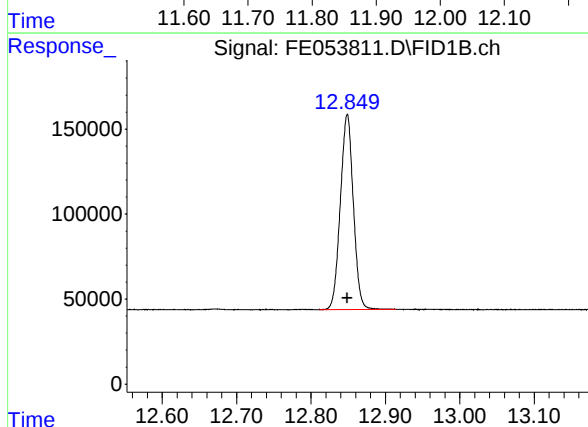
R.T.: 11.536 min
Delta R.T.: 0.000 min
Response: 1425081
Conc: 10.58 ug/ml



#9 ortho-Terphenyl (SURR)

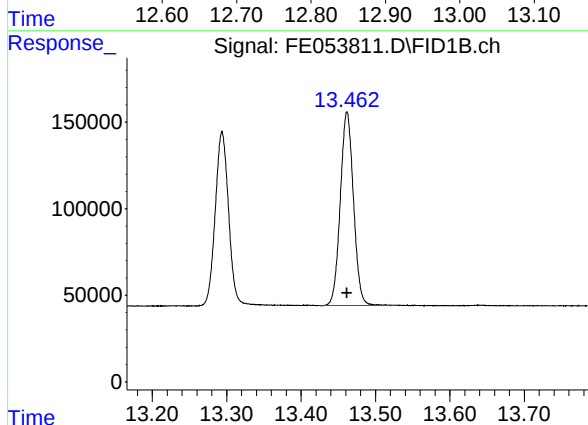
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 1724522
Conc: 10.63 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



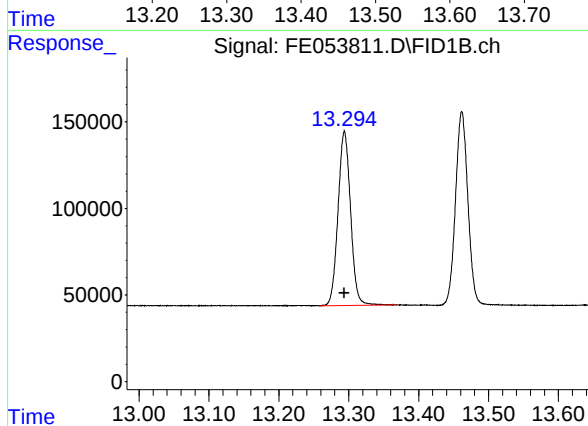
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 1392391
Conc: 10.62 ug/ml



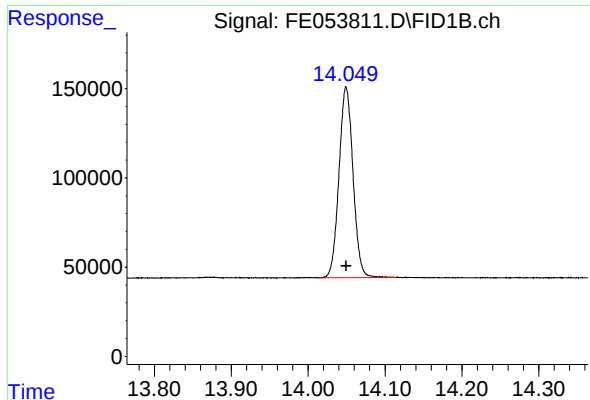
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 1374784
Conc: 10.63 ug/ml



#12 1-chlorooctadecane (SURR)

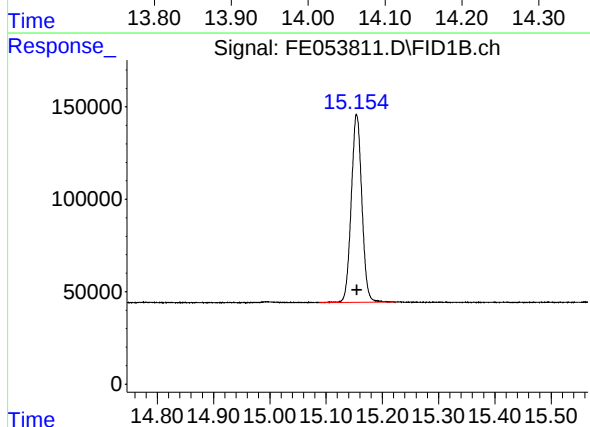
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 1252547
Conc: 10.54 ug/ml



#13 n-Docosane (C22)

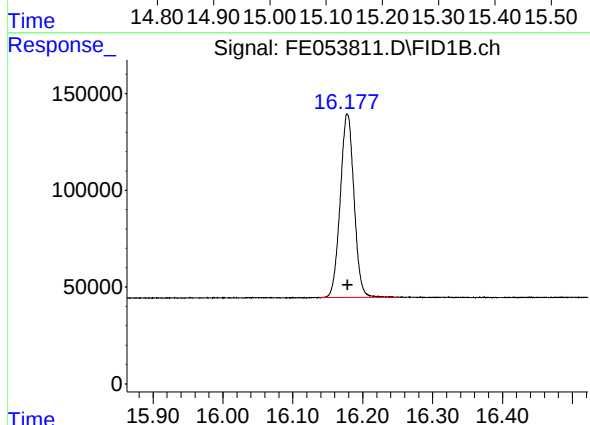
R.T.: 14.050 min
Delta R.T.: 0.000 min
Response: 1350709
Conc: 10.61 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



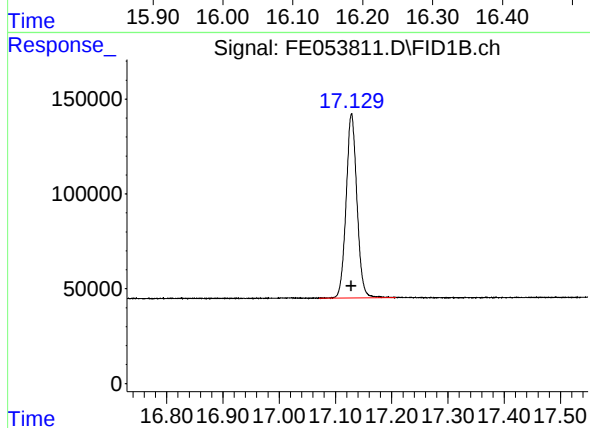
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: 0.000 min
Response: 1328348
Conc: 10.64 ug/ml



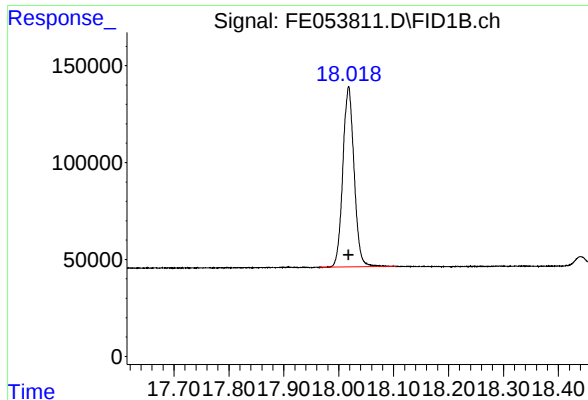
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 1299643
Conc: 10.64 ug/ml



#16 n-Octacosane (C28)

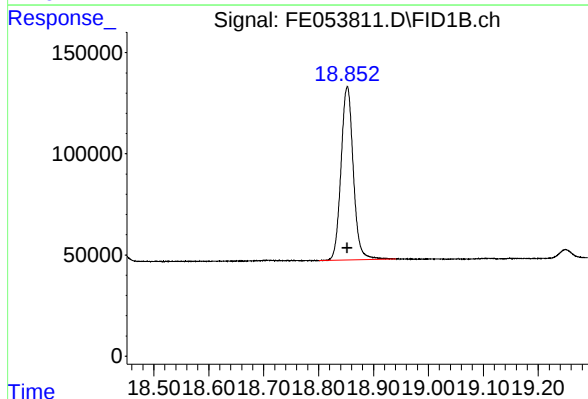
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 1292696
Conc: 10.75 ug/ml



#17 n-Tricontane (C30)

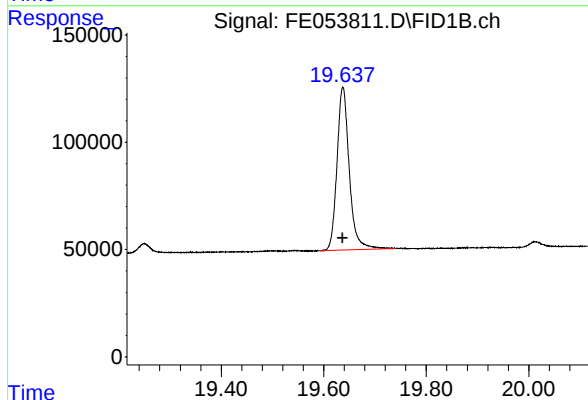
R.T.: 18.018 min
Delta R.T.: 0.000 min
Response: 1326771
Conc: 10.88 ug/ml

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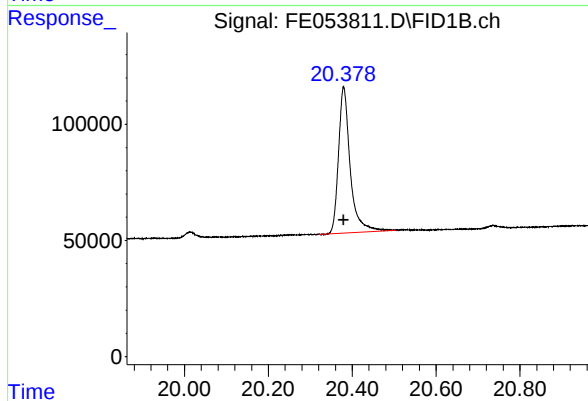
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 1329611
Conc: 10.91 ug/ml



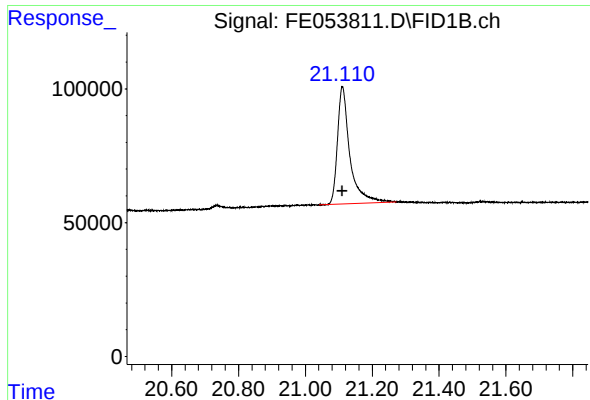
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: 0.000 min
Response: 1261085
Conc: 10.77 ug/ml



#20 n-Hexatriacontane (C36)

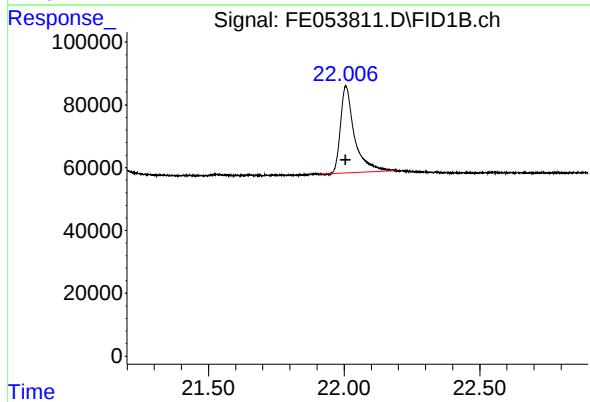
R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 1211680
Conc: 10.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 1130035
Conc: 10.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.000 min
Response: 995600
Conc: 9.79 ug/ml