

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032925AL\
 Data File : FE053060.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2025 01:09
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 31 02:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:32:07 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)	11.894	1754070	10.691 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
12) S 1-chlorooctadecane (S...	13.338	1286263	10.627 ug/ml
Spiked Amount 50.000		Recovery =	21.25%
Target Compounds			
1) T n-Nonane (C9)	3.242	1669873	10.733 ug/ml
2) T n-Decane (C10)	4.502	1694240	10.738 ug/ml
3) T A~Naphthalene (C11.7)	6.214	1806985	10.649 ug/ml
4) T n-Dodecane (C12)	6.681	1686577	10.720 ug/ml
5) T A~2-methylnaphthalene...	7.316	1711131	10.573 ug/ml
6) T n-Tetradecane (C14)	8.517	1648070	10.703 ug/ml
7) T n-Hexadecane (C16)	10.131	1659167	10.668 ug/ml
8) T n-Octadecane (C18)	11.579	1633136	10.664 ug/ml
10) T n-Eicosane (C20)	12.893	1532254	10.646 ug/ml
11) T n-Heneicosane (C21)	13.507	1494607	10.692 ug/ml
13) T n-Docosane (C22)	14.094	1475376	10.700 ug/ml
14) T n-Tetracosane (C24)	15.201	1459470	10.761 ug/ml
15) T n-Hexacosane (C26)	16.225	1436028	10.706 ug/ml
16) T n-Octacosane (C28)	17.175	1426366	10.786 ug/ml
17) T n-Tricontane (C30)	18.065	1462648	10.792 ug/ml
18) T n-Dotriacontane (C32)	18.899	1459482	10.872 ug/ml
19) T n-Tetratriacontane (C34)	19.683	1399687	10.840 ug/ml
20) T n-Hexatriacontane (C36)	20.425	1274690	10.808 ug/ml
21) T n-Octatriacontane (C38)	21.163	1238066	10.757 ug/ml
22) T n-Tetracontane (C40)	22.076	1209126	10.642 ug/ml

(f)=RT Delta > 1/2 Window

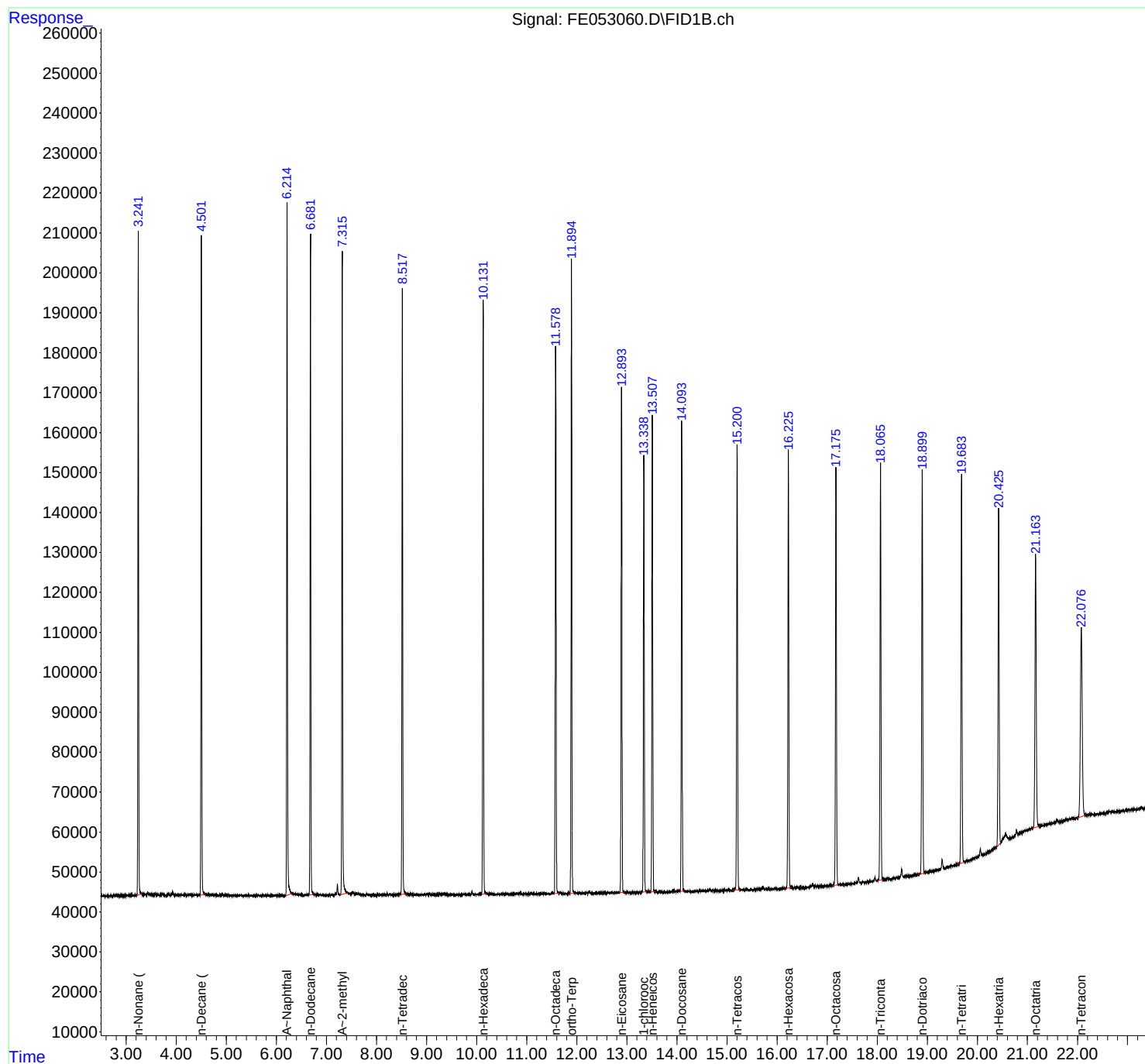
(m)=manual int.

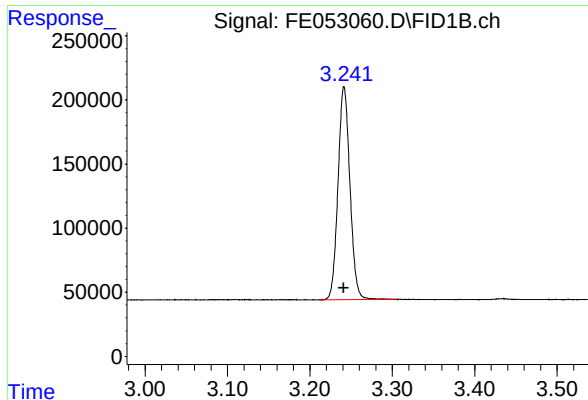
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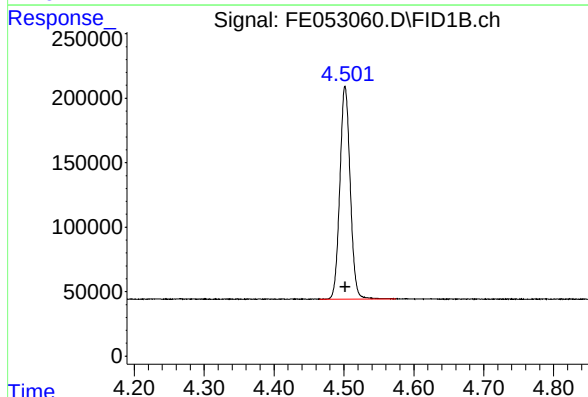




#1 n-Nonane (C9)

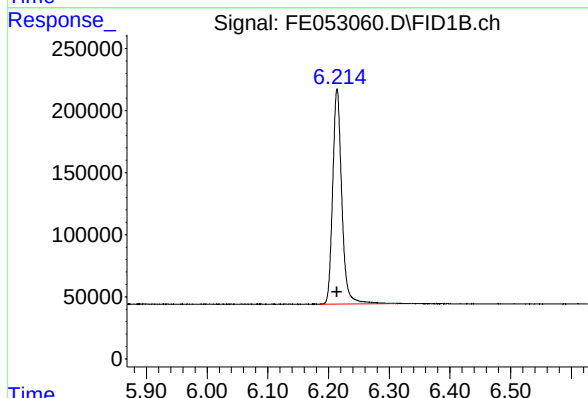
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 1669873
Conc: 10.73 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



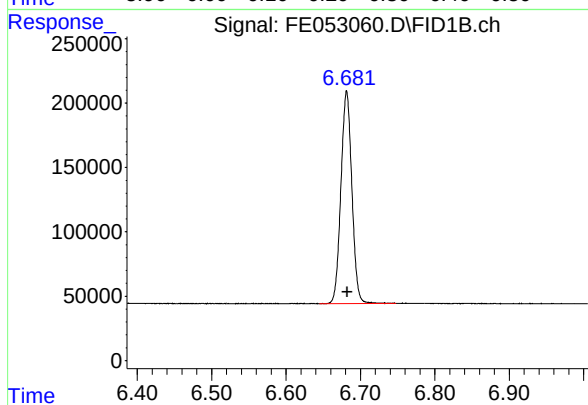
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 1694240
Conc: 10.74 ug/ml



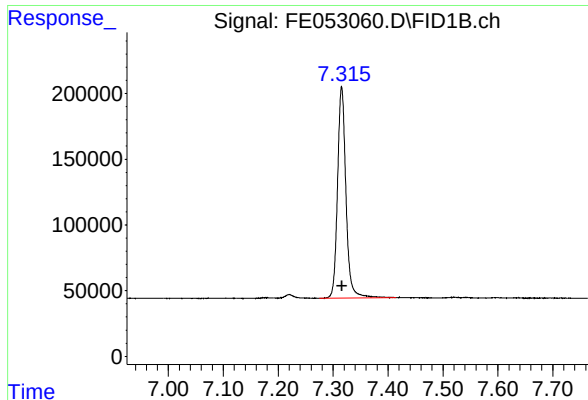
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1806985
Conc: 10.65 ug/ml



#4 n-Dodecane (C12)

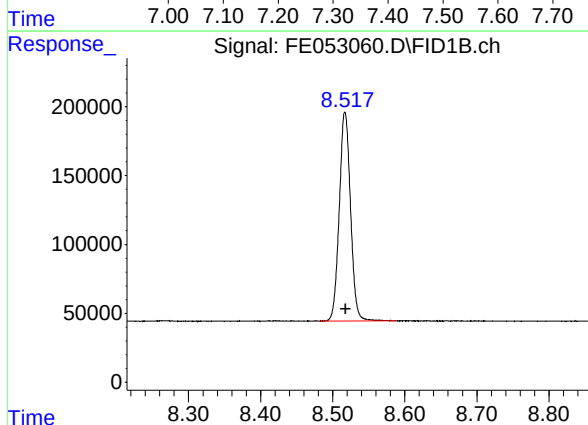
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 1686577
Conc: 10.72 ug/ml



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

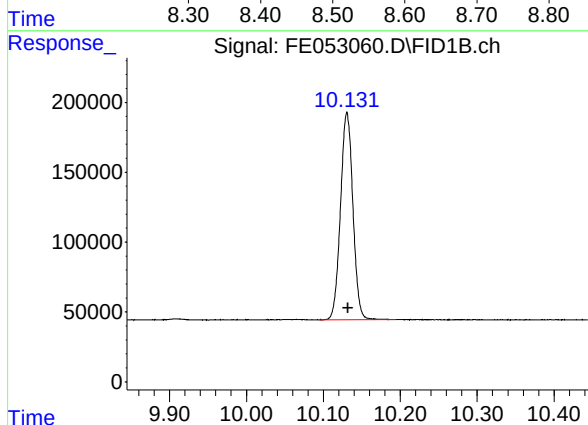
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 1711131
Conc: 10.57 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



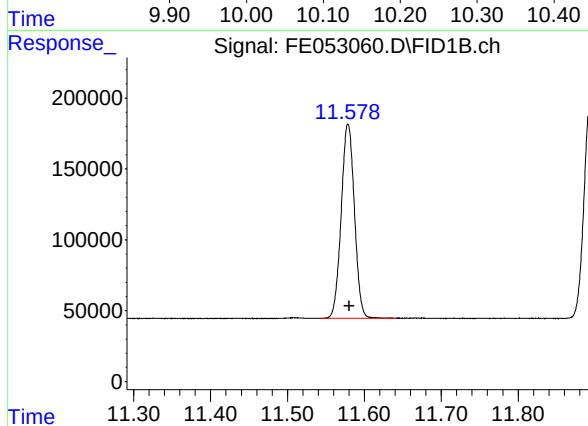
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1648070
Conc: 10.70 ug/ml



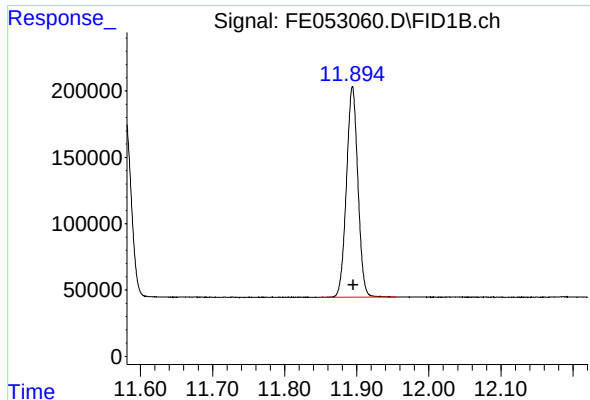
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.001 min
Response: 1659167
Conc: 10.67 ug/ml



#8 n-Octadecane (C18)

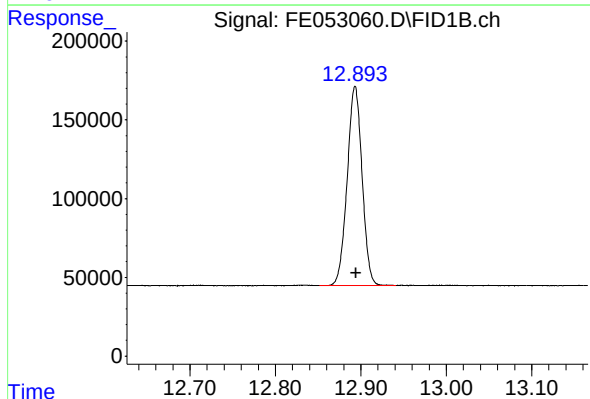
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 1633136
Conc: 10.66 ug/ml



#9 ortho-Terphenyl (SURR)

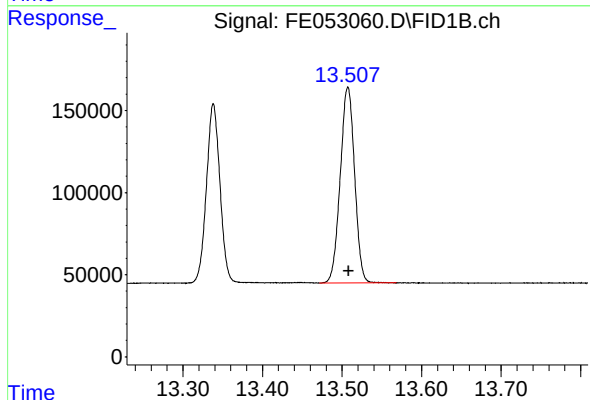
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 1754070
Conc: 10.69 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



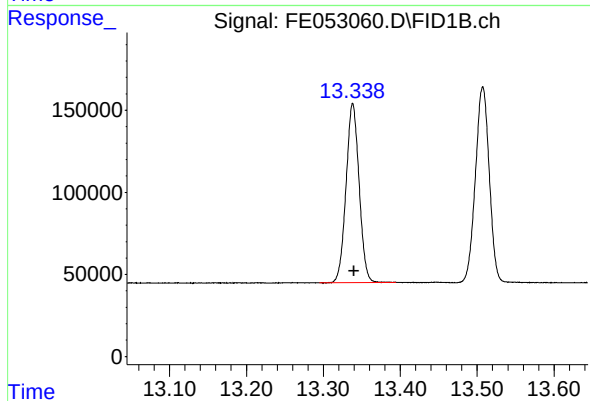
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.000 min
Response: 1532254
Conc: 10.65 ug/ml



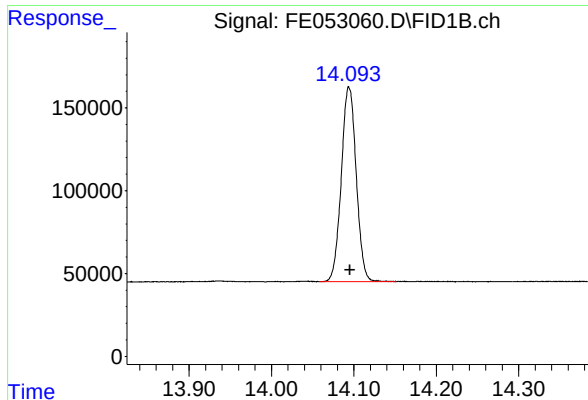
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 1494607
Conc: 10.69 ug/ml



#12 1-chlorooctadecane (SURR)

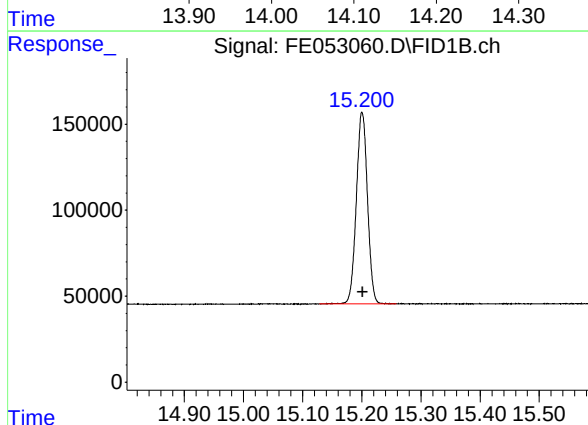
R.T.: 13.338 min
Delta R.T.: -0.001 min
Response: 1286263
Conc: 10.63 ug/ml



#13 n-Docosane (C22)

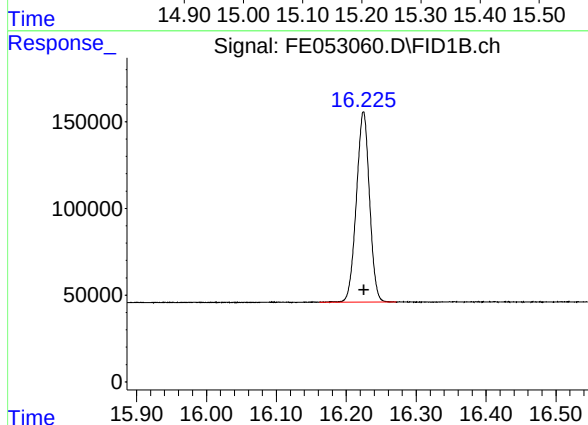
R.T.: 14.094 min
Delta R.T.: -0.001 min
Response: 1475376
Conc: 10.70 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



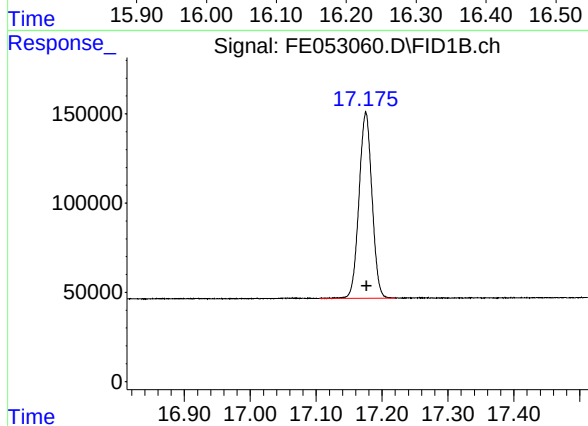
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 1459470
Conc: 10.76 ug/ml



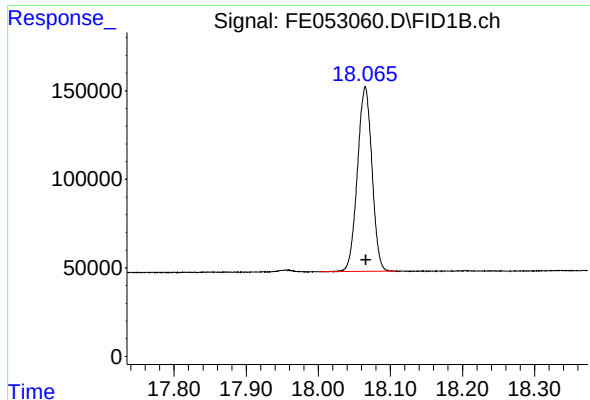
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 1436028
Conc: 10.71 ug/ml



#16 n-Octacosane (C28)

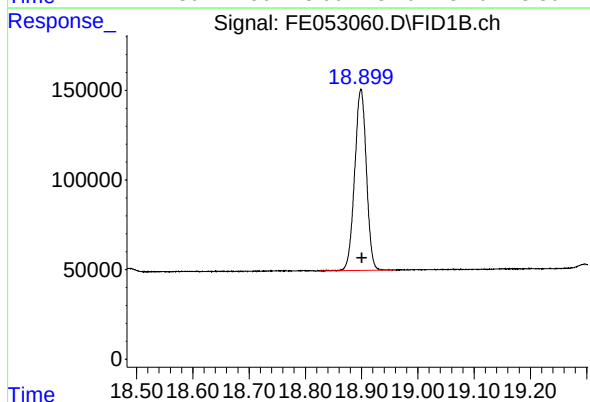
R.T.: 17.175 min
Delta R.T.: -0.001 min
Response: 1426366
Conc: 10.79 ug/ml



#17 n-Tricontane (C30)

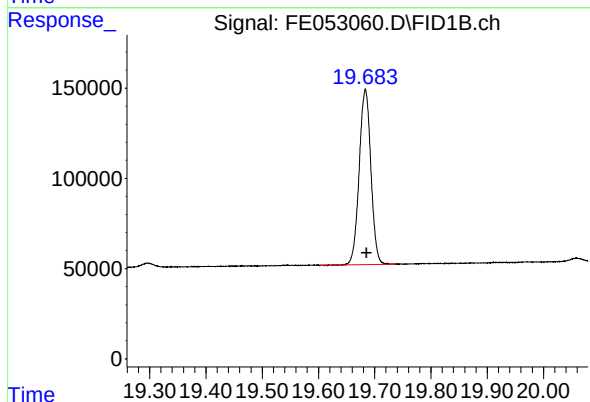
R.T.: 18.065 min
Delta R.T.: -0.001 min
Response: 1462648
Conc: 10.79 ug/ml

Instrument :
FID_E
ClientSampleId :
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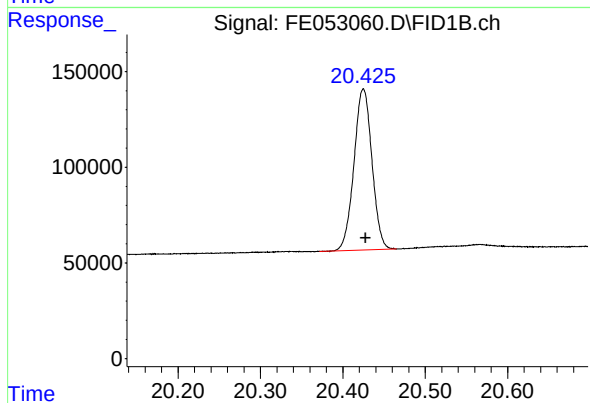
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 1459482
Conc: 10.87 ug/ml



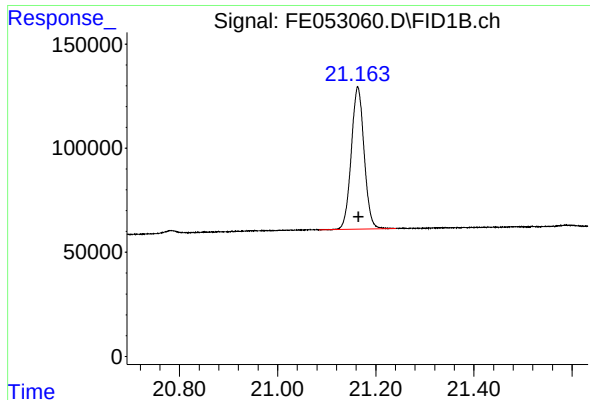
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 1399687
Conc: 10.84 ug/ml



#20 n-Hexatriacontane (C36)

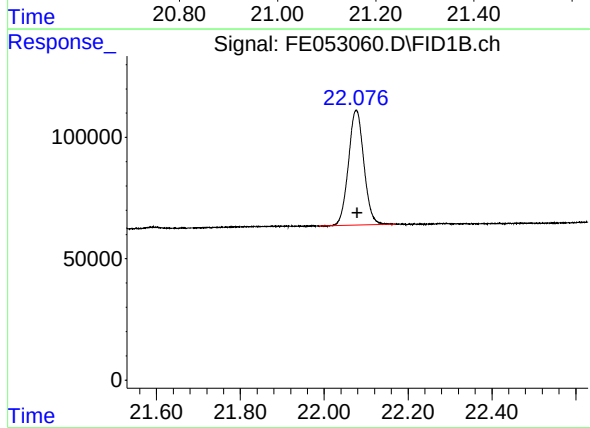
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 1274690
Conc: 10.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 1238066
Conc: 10.76 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.002 min
Response: 1209126
Conc: 10.64 ug/ml