

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AL\
 Data File : FF015688.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 19:00
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 18 02:23:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:20:55 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)	11.935	1586641	9.920 ug/ml
Spiked Amount 50.000		Recovery =	19.84%
12) S 1-chlorooctadecane (S...	13.370	1164785	9.718 ug/ml
Spiked Amount 50.000		Recovery =	19.44%
Target Compounds			
1) T n-Nonane (C9)	3.310	1319054	9.991 ug/ml
2) T n-Decane (C10)	4.566	1332637	9.920 ug/ml
3) T A~Naphthalene (C11.7)	6.279	1308404	9.378 ug/ml
4) T n-Dodecane (C12)	6.733	1353221	9.909 ug/ml
5) T A~2-methylnaphthalene...	7.378	1171368	8.957 ug/ml
6) T n-Tetradecane (C14)	8.560	1350013	9.882 ug/ml
7) T n-Hexadecane (C16)	10.168	1390616	9.820 ug/ml
8) T n-Octadecane (C18)	11.611	1433261	9.862 ug/ml
10) T n-Eicosane (C20)	12.922	1402567	9.874 ug/ml
11) T n-Heneicosane (C21)	13.534	1392375	9.893 ug/ml
13) T n-Docosane (C22)	14.122	1411308	10.000 ug/ml
14) T n-Tetracosane (C24)	15.226	1421499	10.056 ug/ml
15) T n-Hexacosane (C26)	16.248	1388901	10.027 ug/ml
16) T n-Octacosane (C28)	17.199	1393527	10.073 ug/ml
17) T n-Tricontane (C30)	18.087	1439380	10.050 ug/ml
18) T n-Dotriacontane (C32)	18.921	1396830	10.088 ug/ml
19) T n-Tetratriacontane (C34)	19.706	1244338	10.013 ug/ml
20) T n-Hexatriacontane (C36)	20.447	1046165	9.925 ug/ml
21) T n-Octatriacontane (C38)	21.184	908498	9.731 ug/ml
22) T n-Tetracontane (C40)	22.100	822595	9.586 ug/ml

(f)=RT Delta > 1/2 Window

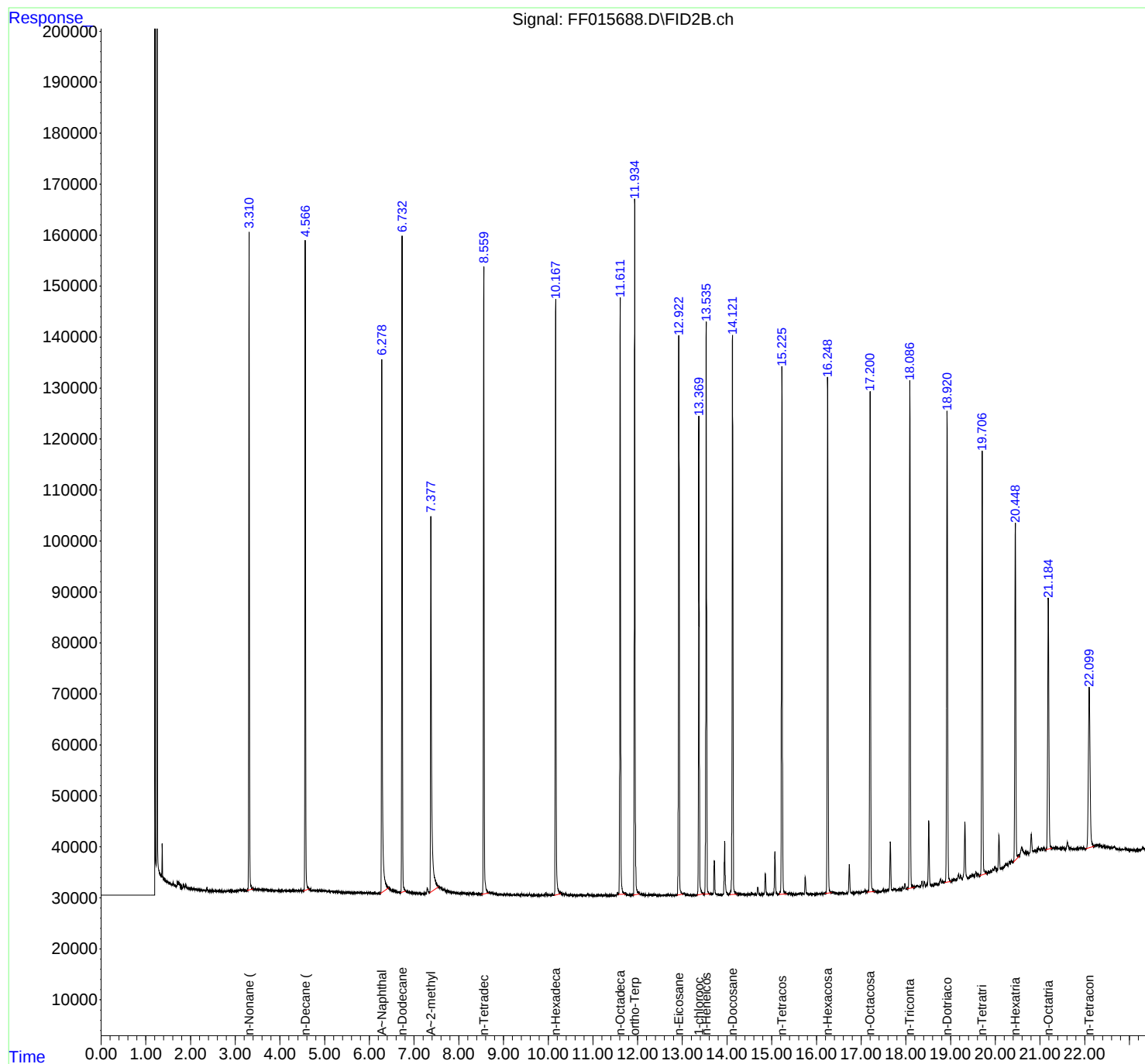
(m)=manual int.

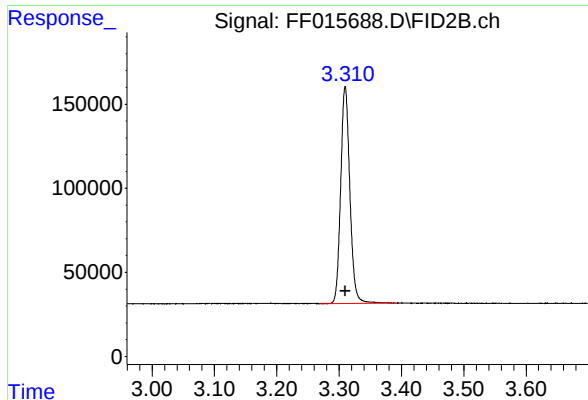
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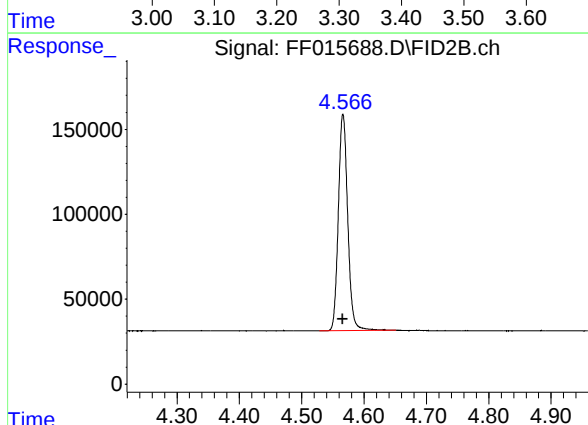




#1 n-Nonane (C9)

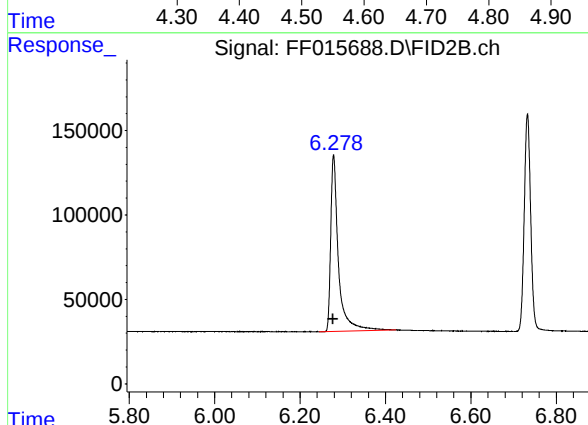
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 1319054
Conc: 9.99 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



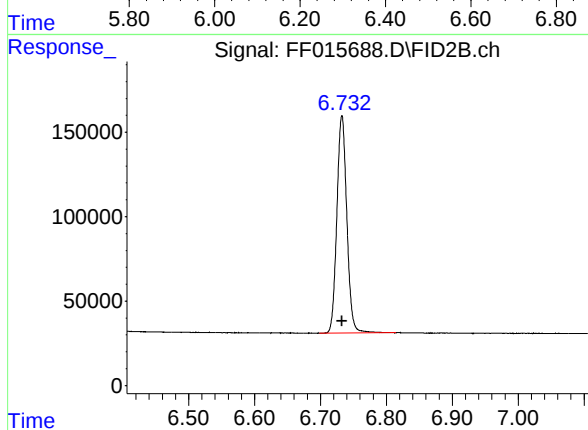
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1332637
Conc: 9.92 ug/ml



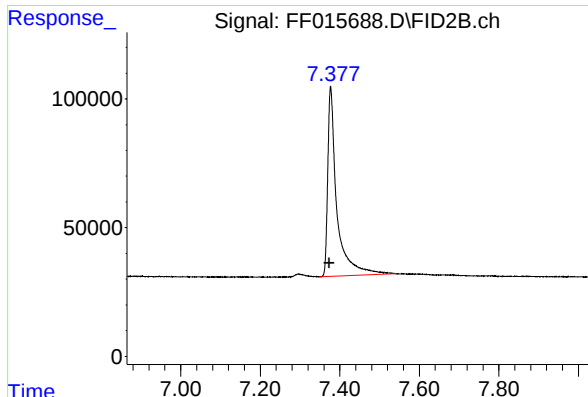
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 1308404
Conc: 9.38 ug/ml



#4 n-Dodecane (C12)

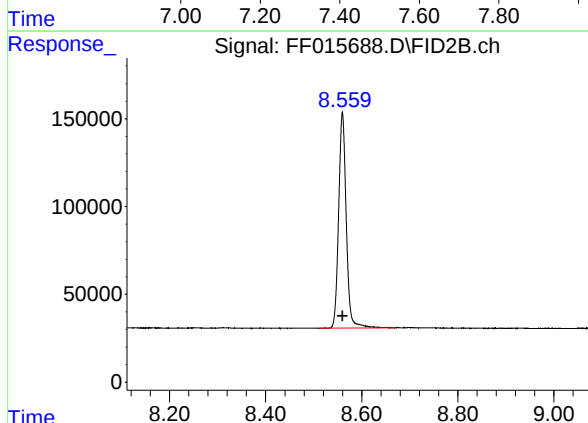
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 1353221
Conc: 9.91 ug/ml



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

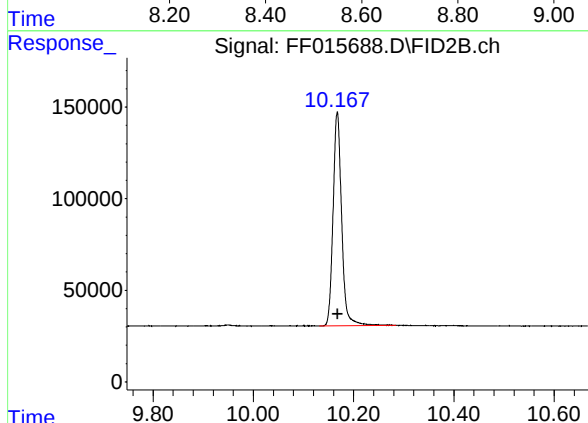
R.T.: 7.378 min
Delta R.T.: 0.004 min
Response: 1171368
Conc: 8.96 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



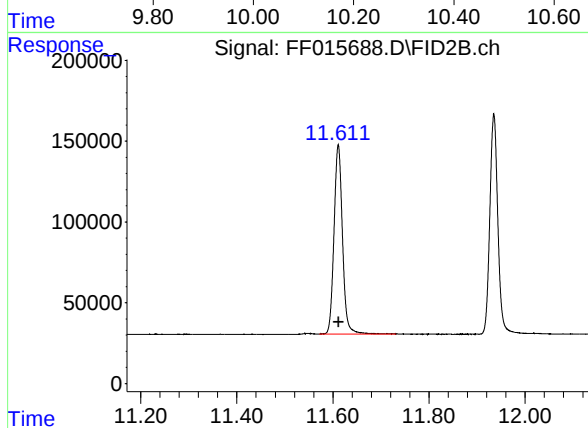
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 1350013
Conc: 9.88 ug/ml



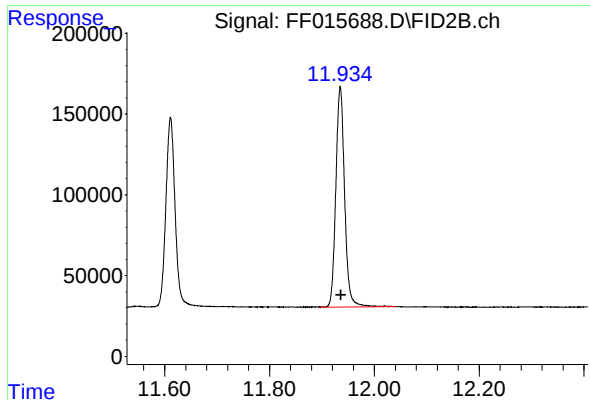
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 1390616
Conc: 9.82 ug/ml



#8 n-Octadecane (C18)

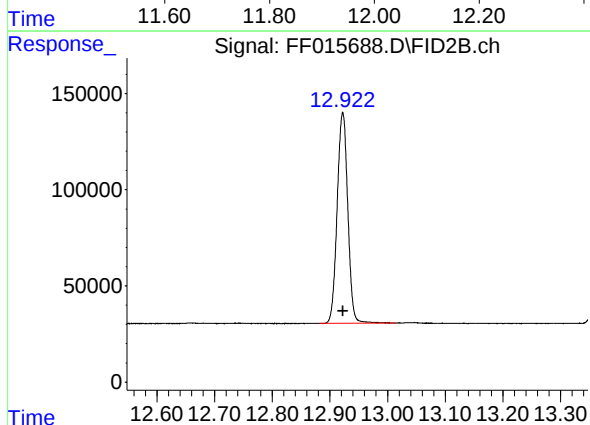
R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 1433261
Conc: 9.86 ug/ml



#9 ortho-Terphenyl (SURR)

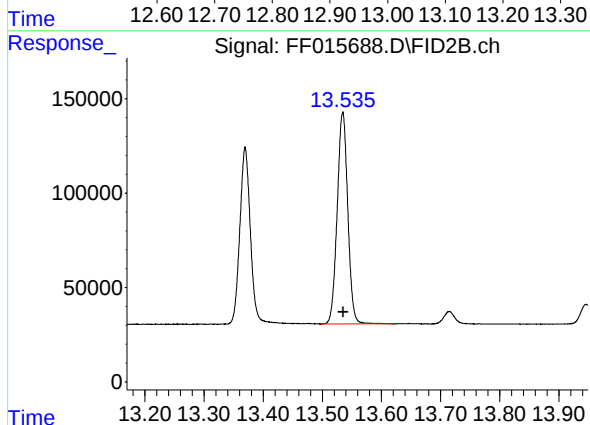
R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 1586641
Conc: 9.92 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



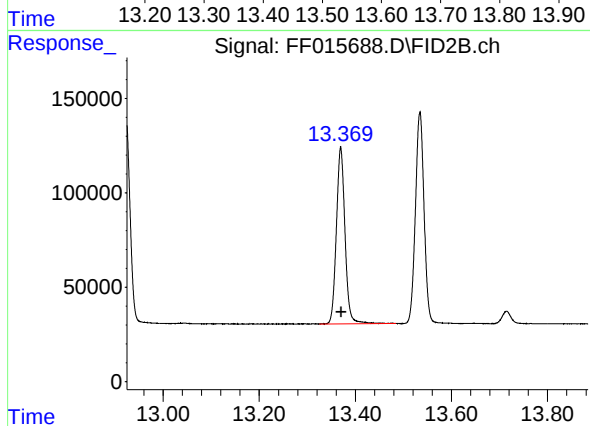
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 1402567
Conc: 9.87 ug/ml



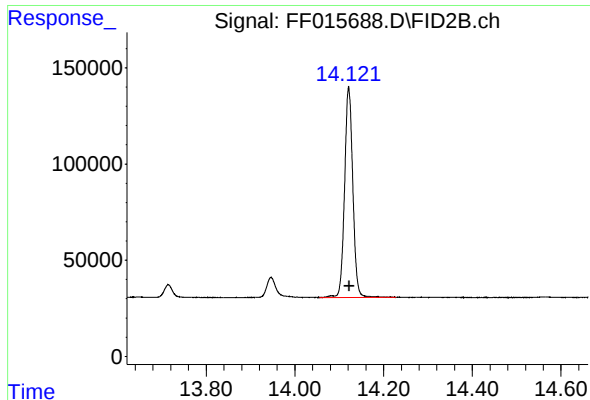
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.001 min
Response: 1392375
Conc: 9.89 ug/ml



#12 1-chlorooctadecane (SURR)

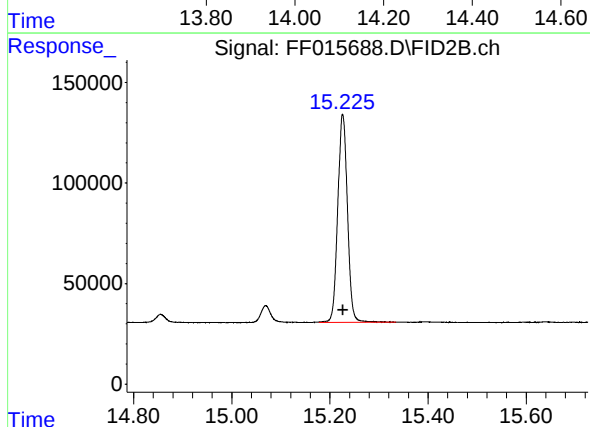
R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 1164785
Conc: 9.72 ug/ml



#13 n-Docosane (C22)

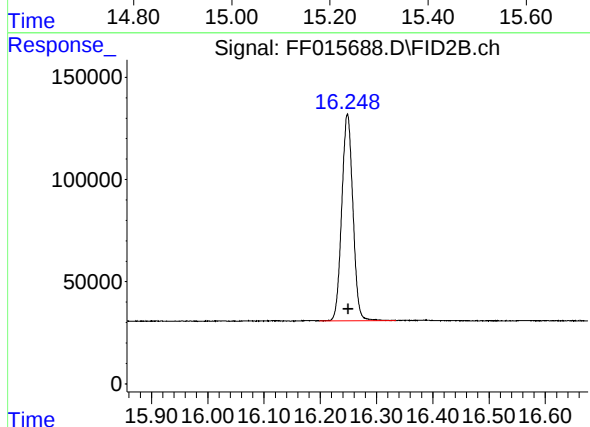
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 1411308
Conc: 10.00 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



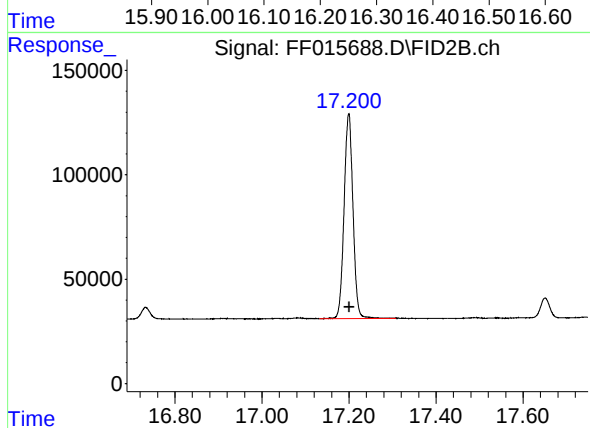
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 1421499
Conc: 10.06 ug/ml



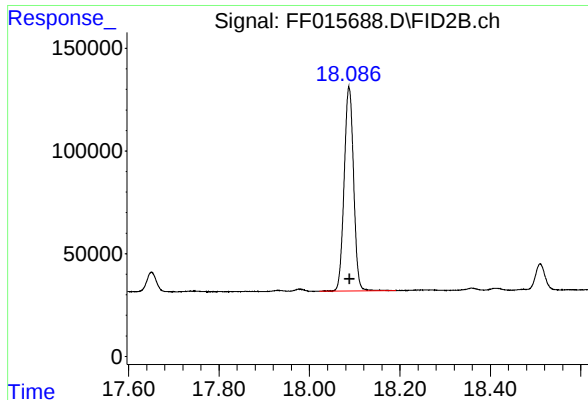
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.001 min
Response: 1388901
Conc: 10.03 ug/ml



#16 n-Octacosane (C28)

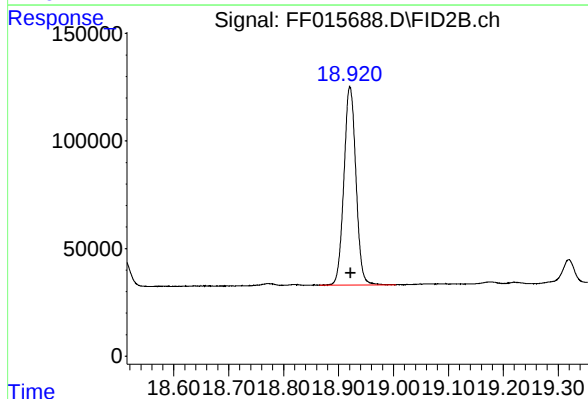
R.T.: 17.199 min
Delta R.T.: -0.001 min
Response: 1393527
Conc: 10.07 ug/ml



#17 n-Tricontane (C30)

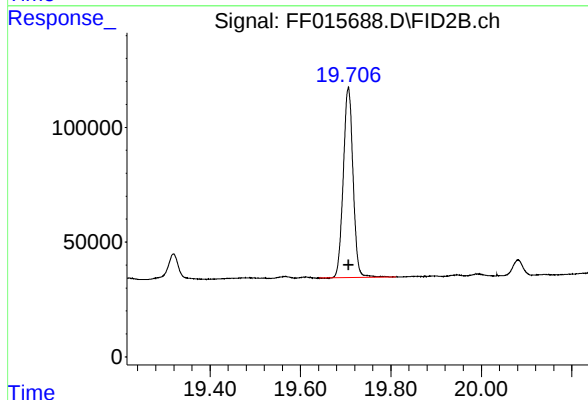
R.T.: 18.087 min
Delta R.T.: -0.001 min
Response: 1439380
Conc: 10.05 ug/ml

Instrument :
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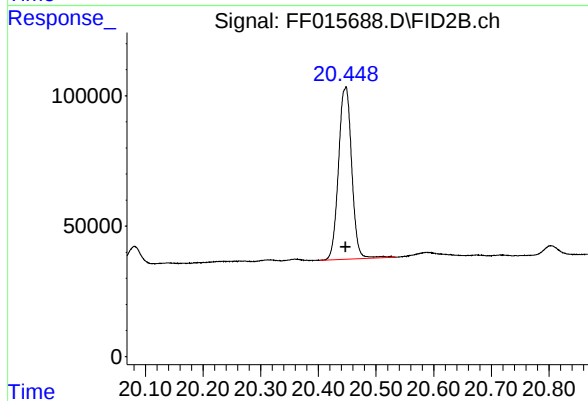
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.001 min
Response: 1396830
Conc: 10.09 ug/ml



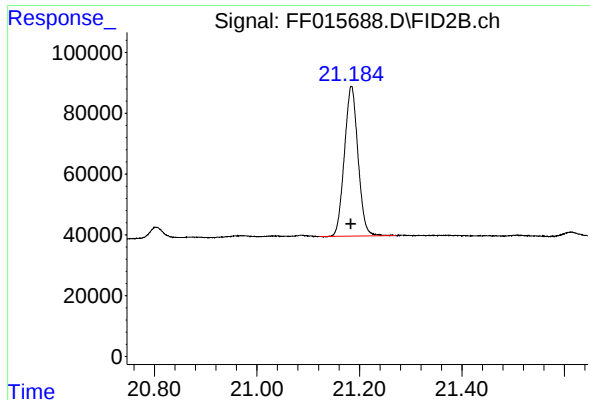
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 1244338
Conc: 10.01 ug/ml



#20 n-Hexatriacontane (C36)

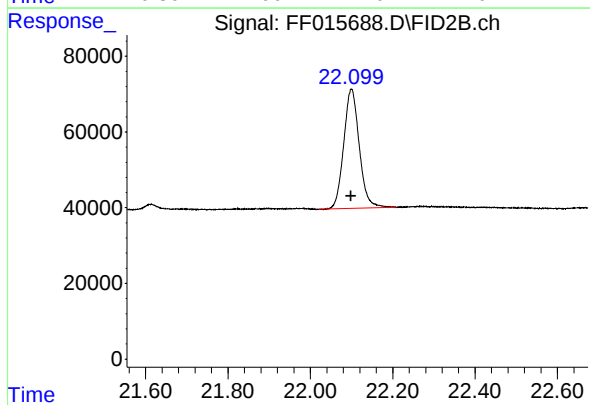
R.T.: 20.447 min
Delta R.T.: 0.000 min
Response: 1046165
Conc: 9.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 908498
Conc: 9.73 ug/ml

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FID_F
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 822595
Conc: 9.59 ug/ml