

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AL\
 Data File : FG014950.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 13:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 13:49:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 12:07:47 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)	11.944	2845120	18.709 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	13.383	2071548	18.826 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T n-Nonane (C9)	3.316	2569498	18.817 ug/ml
2) T n-Decane (C10)	4.567	2618287	18.795 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2752265	18.725 ug/ml
4) T n-Dodecane (C12)	6.736	2642689	18.803 ug/ml
5) T A~2-methylnaphthalene...	7.368	2631056	18.816 ug/ml
6) T n-Tetradecane (C14)	8.569	2614587	18.808 ug/ml
7) T n-Hexadecane (C16)	10.180	2677111	18.813 ug/ml
8) T n-Octadecane (C18)	11.626	2679027	18.789 ug/ml
10) T n-Eicosane (C20)	12.937	2531781	18.770 ug/ml
11) T n-Heneicosane (C21)	13.552	2472966	18.746 ug/ml
13) T n-Docosane (C22)	14.139	2439624	18.742 ug/ml
14) T n-Tetracosane (C24)	15.243	2388394	18.696 ug/ml
15) T n-Hexacosane (C26)	16.266	2305370	18.697 ug/ml
16) T n-Octacosane (C28)	17.216	2229577	18.653 ug/ml
17) T n-Tricontane (C30)	18.105	2242109	18.668 ug/ml
18) T n-Dotriacontane (C32)	18.937	2131874	18.582 ug/ml
19) T n-Tetratriacontane (C34)	19.721	1852751	18.478 ug/ml
20) T n-Hexatriacontane (C36)	20.462	1570710	18.218 ug/ml
21) T n-Octatriacontane (C38)	21.209	1428065	17.760 ug/ml
22) T n-Tetracontane (C40)	22.144	1285145	17.079 ug/ml

(f)=RT Delta > 1/2 Window

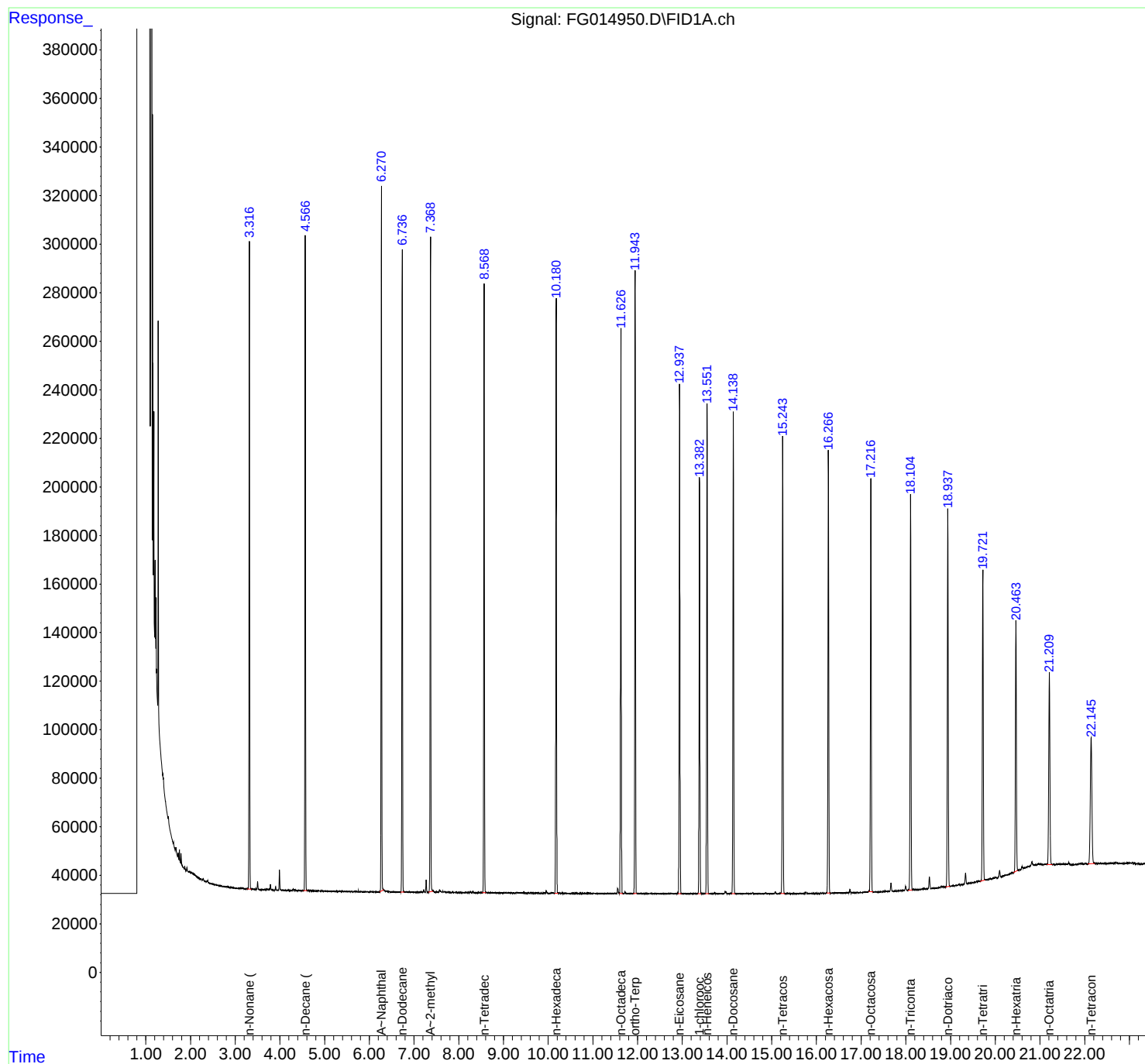
(m)=manual int.

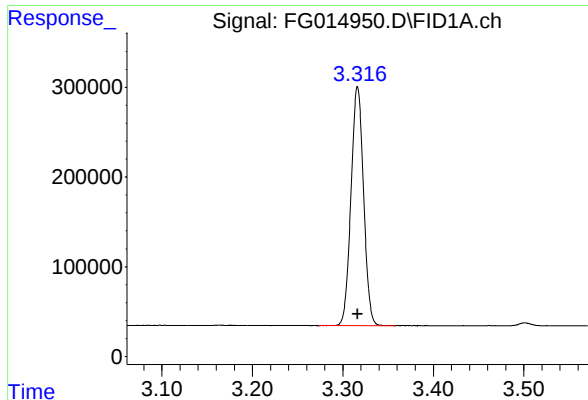
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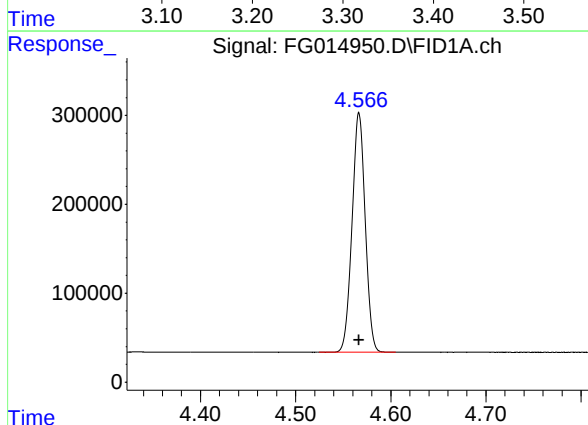




#1 n-Nonane (C9)

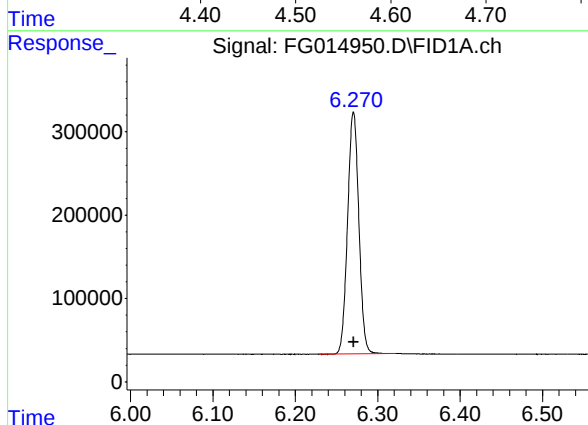
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 2569498
Conc: 18.82 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



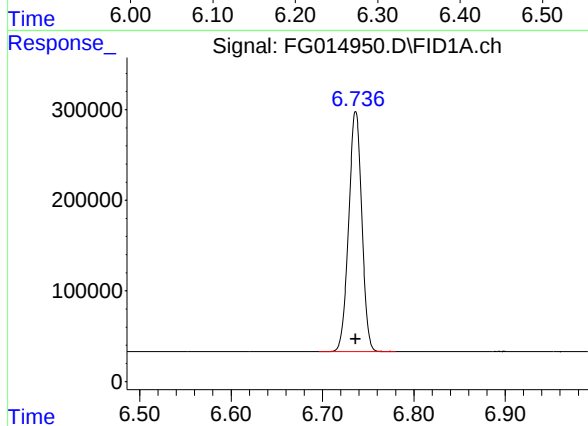
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2618287
Conc: 18.80 ug/ml



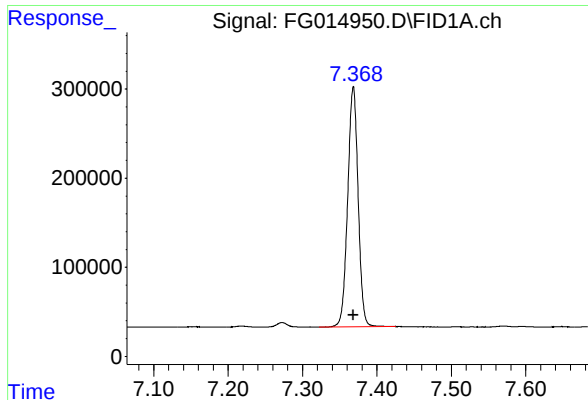
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2752265
Conc: 18.72 ug/ml



#4 n-Dodecane (C12)

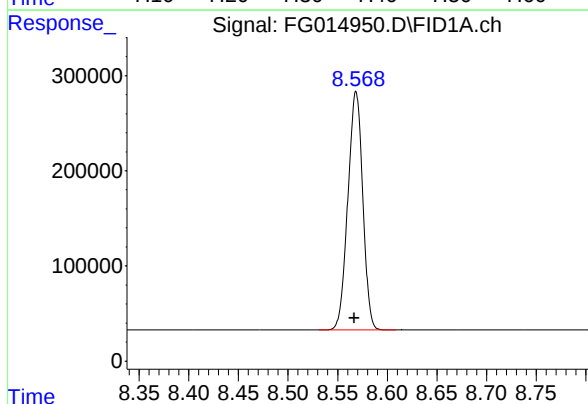
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 2642689
Conc: 18.80 ug/ml



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

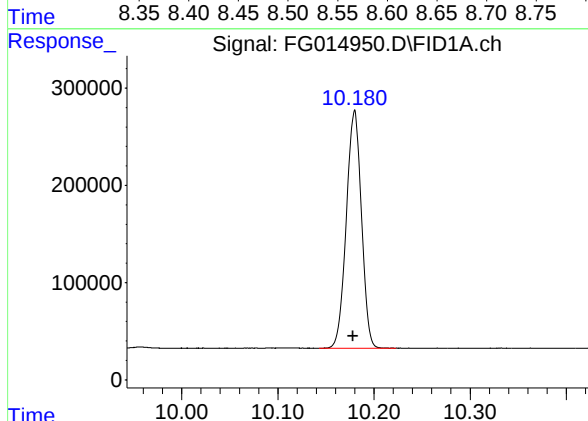
R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 2631056
Conc: 18.82 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



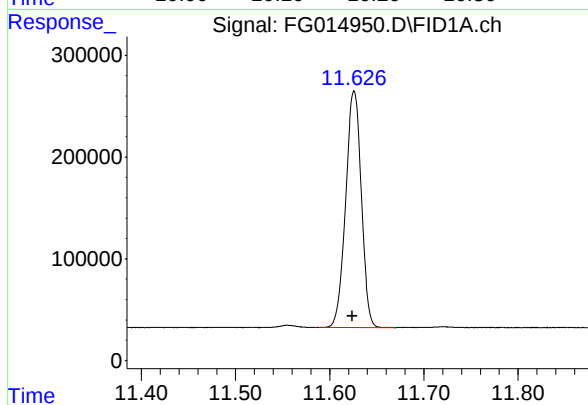
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 2614587
Conc: 18.81 ug/ml



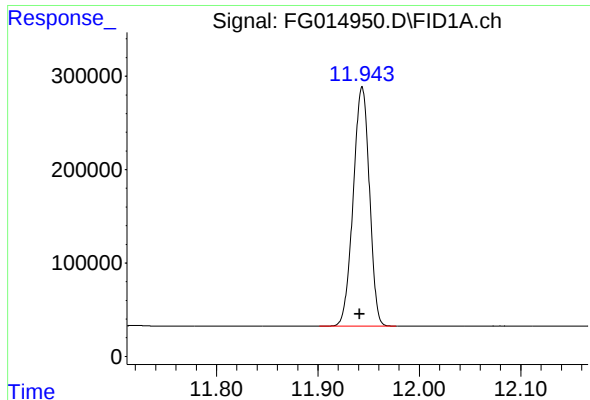
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.002 min
Response: 2677111
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

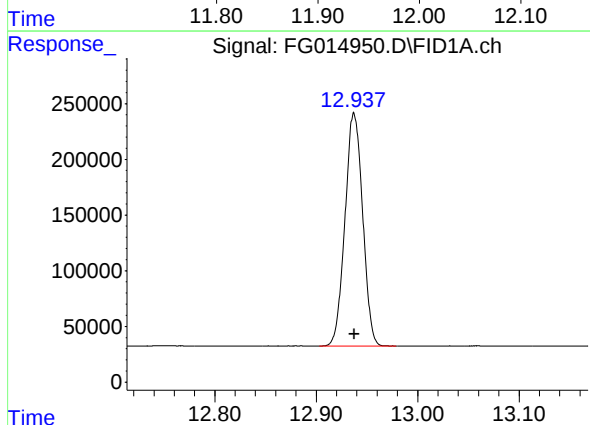
R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 2679027
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

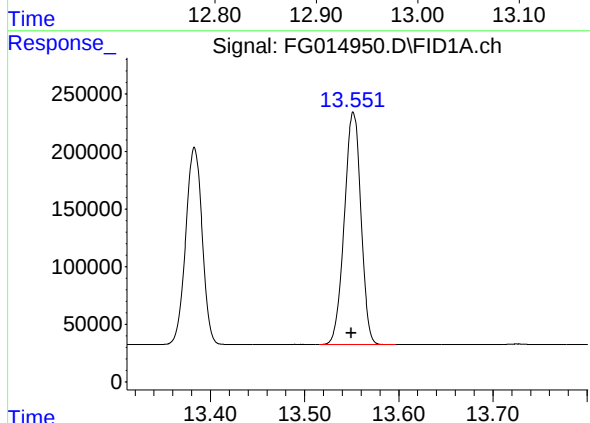
R.T.: 11.944 min
Delta R.T.: 0.002 min
Response: 2845120
Conc: 18.71 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



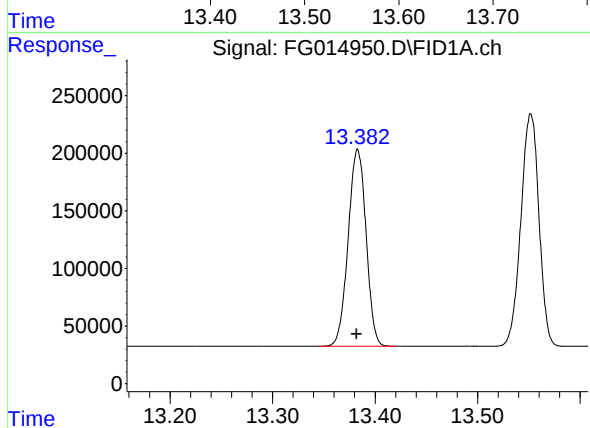
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 2531781
Conc: 18.77 ug/ml



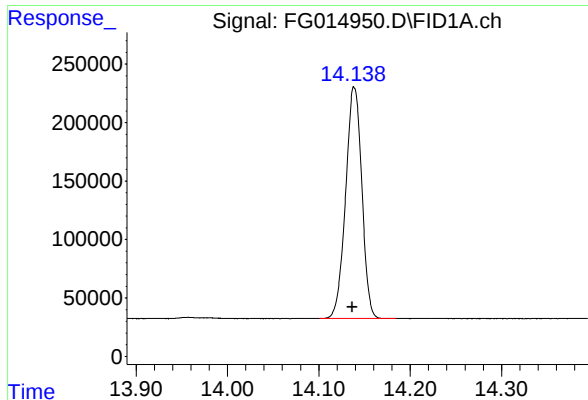
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.002 min
Response: 2472966
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

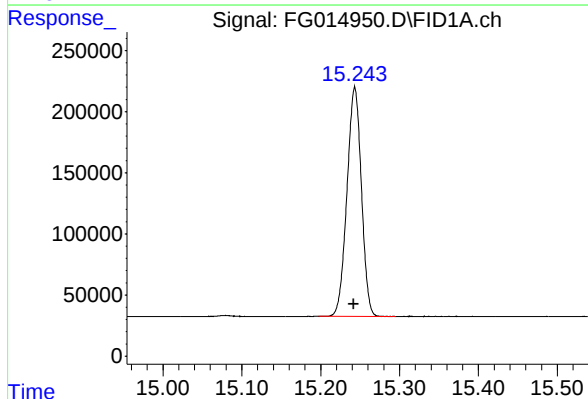
R.T.: 13.383 min
Delta R.T.: 0.001 min
Response: 2071548
Conc: 18.83 ug/ml



#13 n-Docosane (C22)

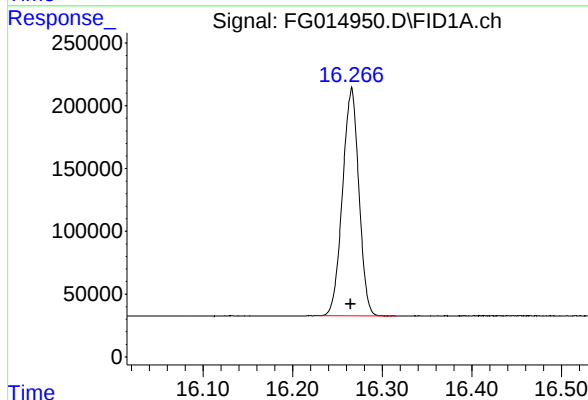
R.T.: 14.139 min
Delta R.T.: 0.002 min
Response: 2439624
Conc: 18.74 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



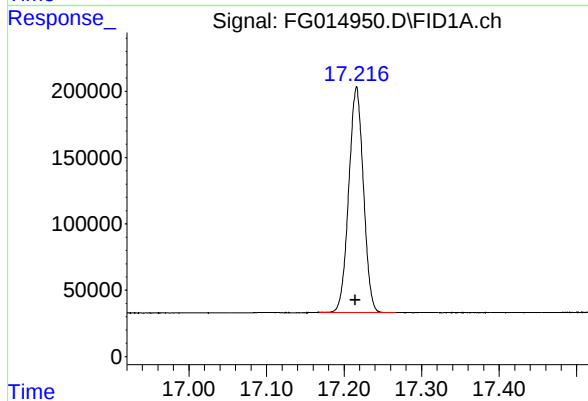
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.001 min
Response: 2388394
Conc: 18.70 ug/ml



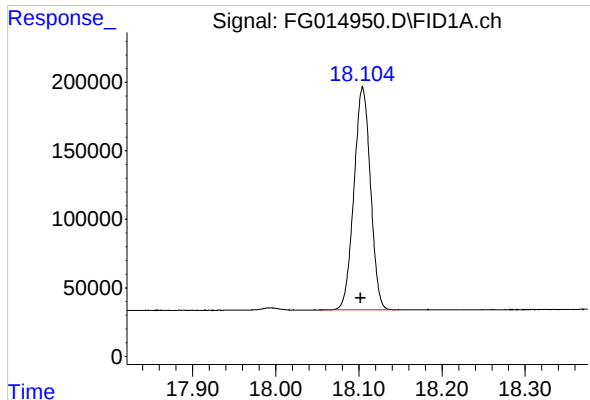
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.001 min
Response: 2305370
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

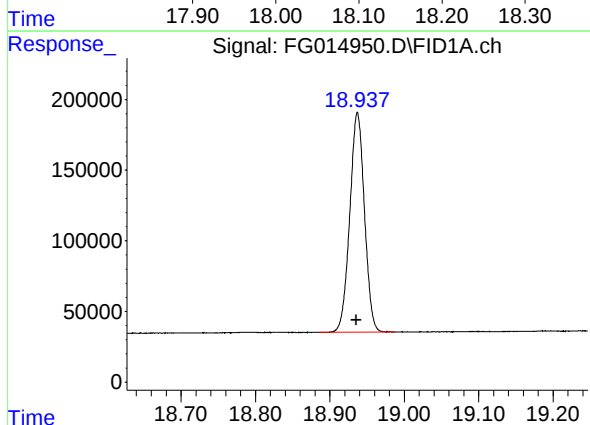
R.T.: 17.216 min
Delta R.T.: 0.002 min
Response: 2229577
Conc: 18.65 ug/ml



#17 n-Tricontane (C30)

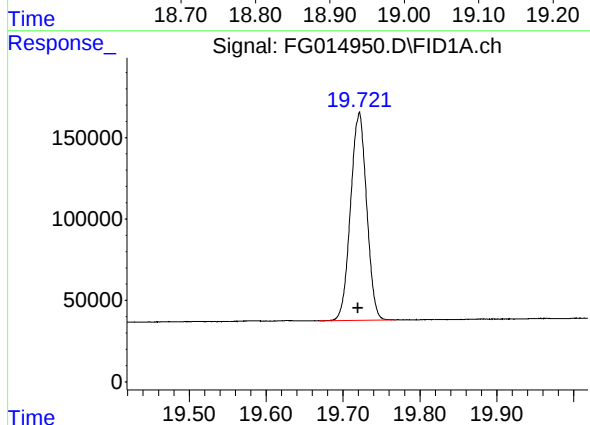
R.T.: 18.105 min
Delta R.T.: 0.002 min
Response: 2242109
Conc: 18.67 ug/ml

Instrument :
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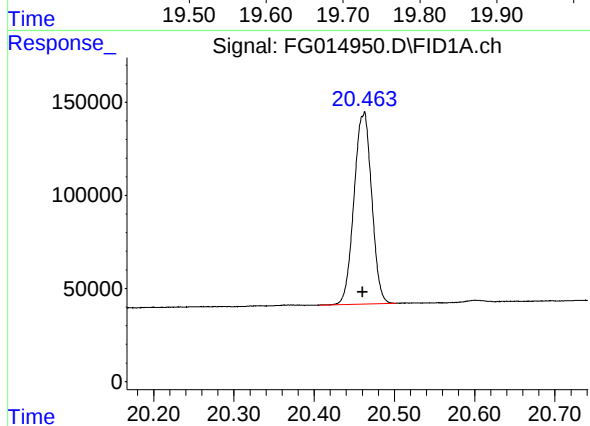
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.001 min
Response: 2131874
Conc: 18.58 ug/ml



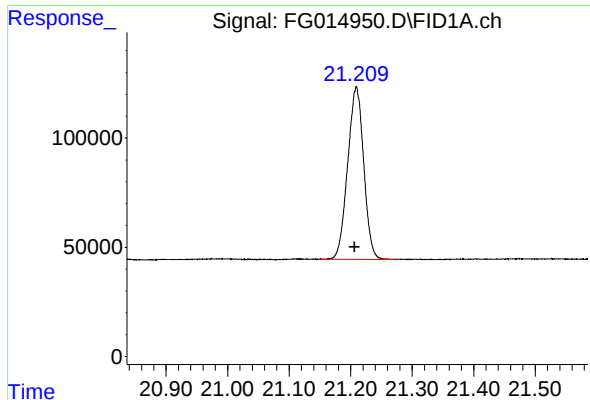
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 1852751
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

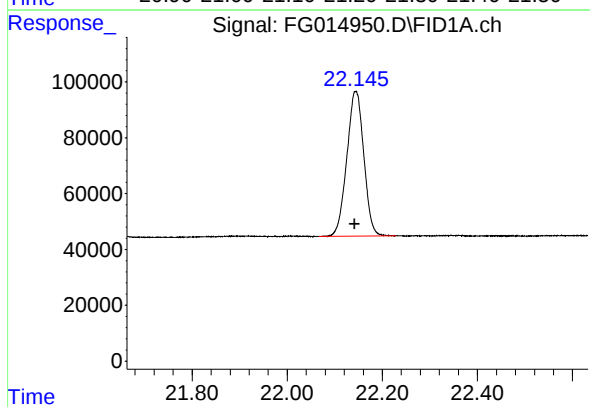
R.T.: 20.462 min
Delta R.T.: 0.002 min
Response: 1570710
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.003 min
Response: 1428065
Conc: 17.76 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.002 min
Response: 1285145
Conc: 17.08 ug/ml