

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009706.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 11:56
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: May 03 13:56:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:55:58 2022
 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)	10.839	7218937	48.843 ug/ml
Spiked Amount 50.000		Recovery =	97.69%
12) S 1-chlorooctadecane (S...	12.287	5782760	48.787 ug/ml
Spiked Amount 50.000		Recovery =	97.57%
Target Compounds			
1) T n-Nonane (C9)	2.667	6059181	49.261 ug/ml
2) T n-Decane (C10)	3.678	5995494	49.490 ug/ml
3) T A~Naphthalene (C11.7)	5.239	6761014	49.551 ug/ml
4) T n-Dodecane (C12)	5.677	6188434	49.394 ug/ml
5) T A~2-methylnaphthalene...	6.293	6788411	49.628 ug/ml
6) T n-Tetradecane (C14)	7.475	6285781	49.716 ug/ml
7) T n-Hexadecane (C16)	9.081	6419492	49.553 ug/ml
8) T n-Octadecane (C18)	10.529	6568244	48.846 ug/ml
10) T n-Eicosane (C20)	11.845	6584896	48.794 ug/ml
11) T n-Heneicosane (C21)	12.458	6649872	48.776 ug/ml
13) T n-Docosane (C22)	13.048	6675425	48.816 ug/ml
14) T n-Tetracosane (C24)	14.155	6718010	48.902 ug/ml
15) T n-Hexacosane (C26)	15.181	6705271	49.115 ug/ml
16) T n-Octacosane (C28)	16.134	6656489	49.254 ug/ml
17) T n-Tricontane (C30)	17.026	6504503	49.442 ug/ml
18) T n-Dotriacontane (C32)	17.861	6056137	49.434 ug/ml
19) T n-Tetratriacontane (C34)	18.647	5418826	49.161 ug/ml
20) T n-Hexatriacontane (C36)	19.388	4653431	48.690 ug/ml
21) T n-Octatriacontane (C38)	20.125	3976417	47.925 ug/ml
22) T n-Tetracontane (C40)	21.032	3612825	47.296 ug/ml

(f)=RT Delta > 1/2 Window

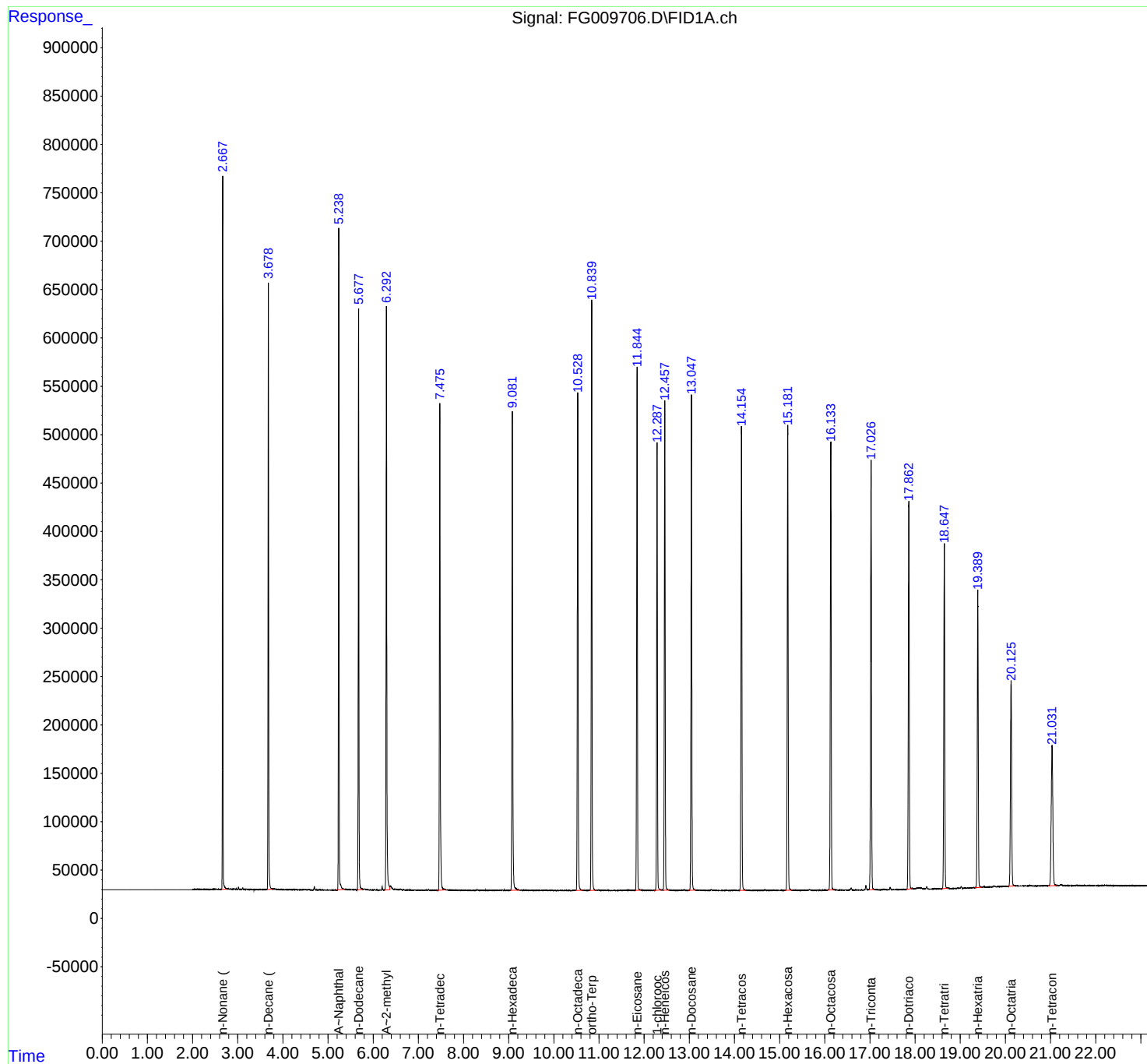
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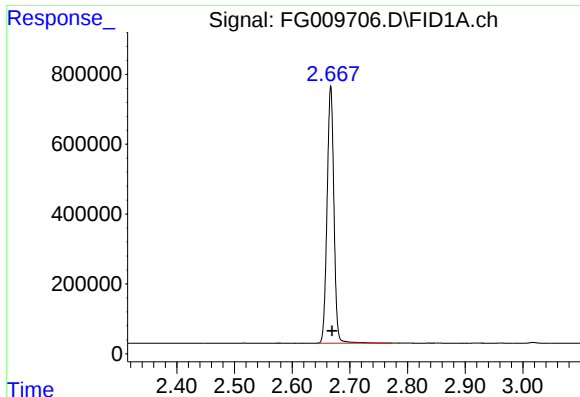
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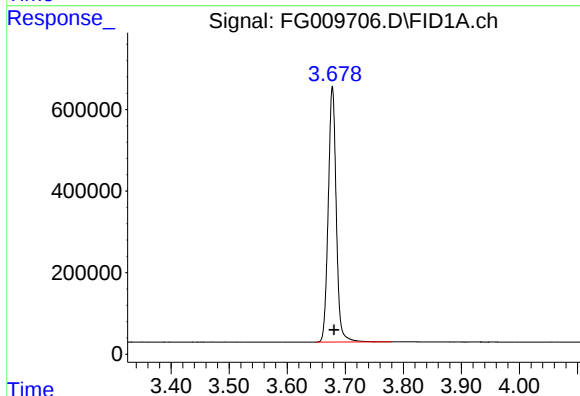




#1 n-Nonane (C9)

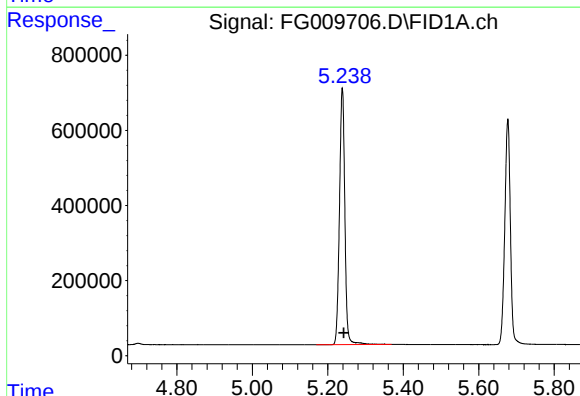
R.T.: 2.667 min
Delta R.T.: -0.002 min
Response: 6059181
Conc: 49.26 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



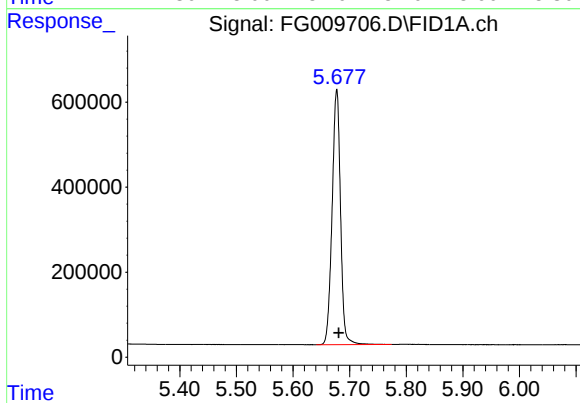
#2 n-Decane (C10)

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: 5995494
Conc: 49.49 ug/ml



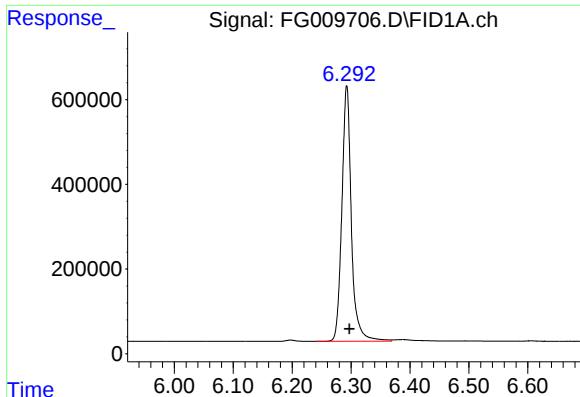
#3 A~Naphthalene (C11.7)

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 6761014
Conc: 49.55 ug/ml



#4 n-Dodecane (C12)

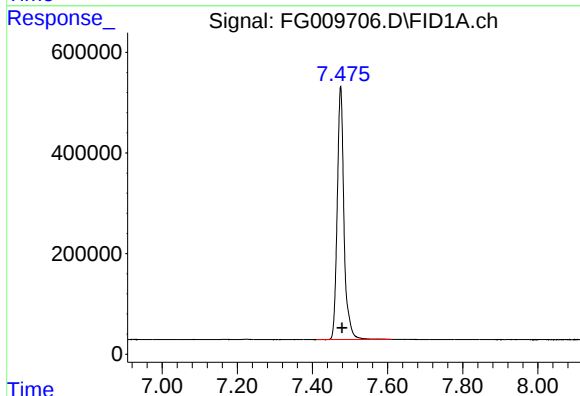
R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 6188434
Conc: 49.39 ug/ml



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

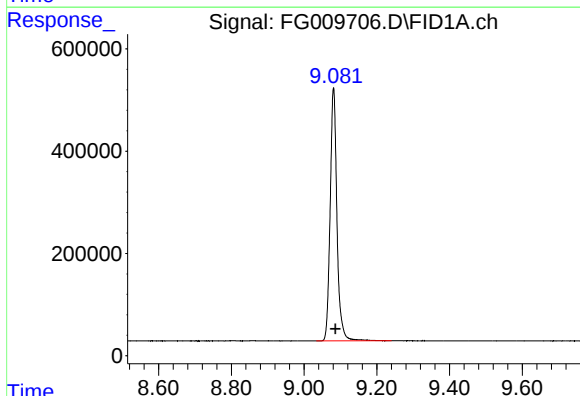
R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 6788411
Conc: 49.63 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



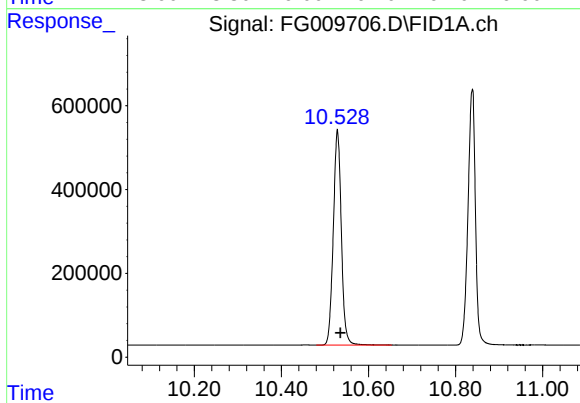
#6 n-Tetradecane (C14)

R.T.: 7.475 min
Delta R.T.: -0.004 min
Response: 6285781
Conc: 49.72 ug/ml



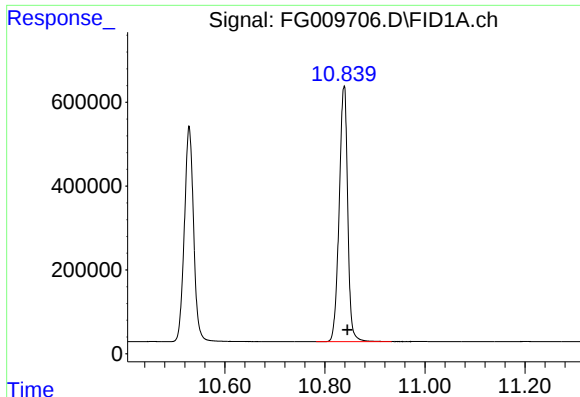
#7 n-Hexadecane (C16)

R.T.: 9.081 min
Delta R.T.: -0.005 min
Response: 6419492
Conc: 49.55 ug/ml



#8 n-Octadecane (C18)

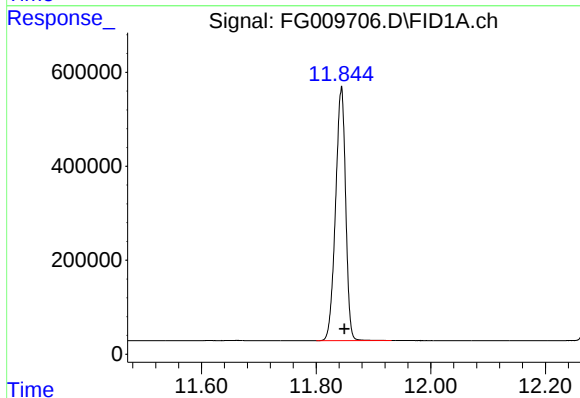
R.T.: 10.529 min
Delta R.T.: -0.007 min
Response: 6568244
Conc: 48.85 ug/ml



#9 ortho-Terphenyl (SURR)

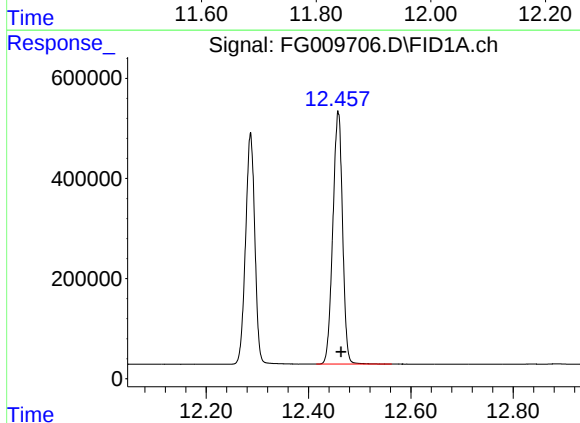
R.T.: 10.839 min
Delta R.T.: -0.006 min
Response: 7218937
Conc: 48.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



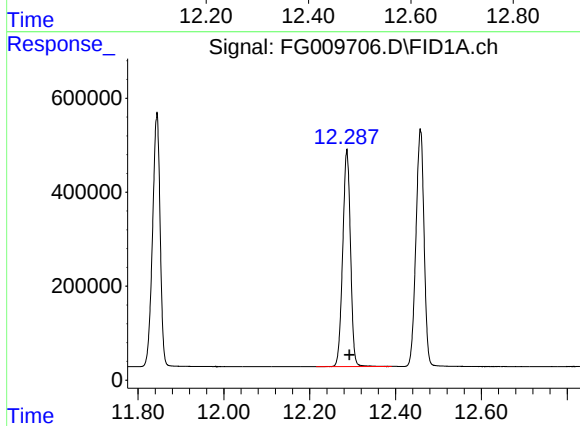
#10 n-Eicosane (C20)

R.T.: 11.845 min
Delta R.T.: -0.005 min
Response: 6584896
Conc: 48.79 ug/ml



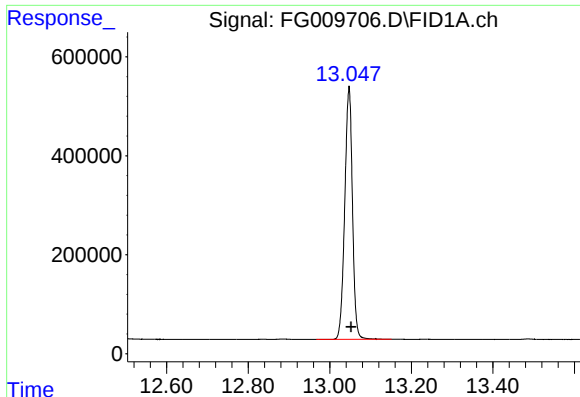
#11 n-Heneicosane (C21)

R.T.: 12.458 min
Delta R.T.: -0.006 min
Response: 6649872
Conc: 48.78 ug/ml



#12 1-chlorooctadecane (SURR)

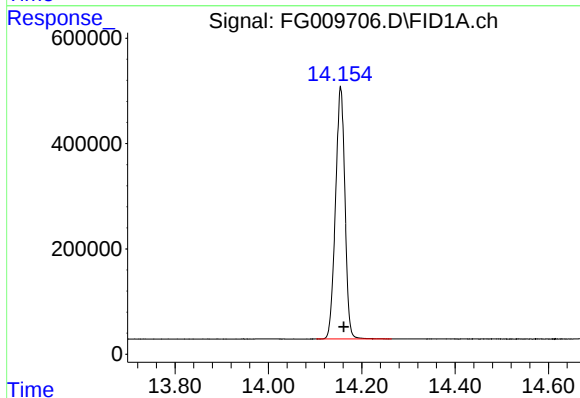
R.T.: 12.287 min
Delta R.T.: -0.006 min
Response: 5782760
Conc: 48.79 ug/ml



#13 n-Docosane (C22)

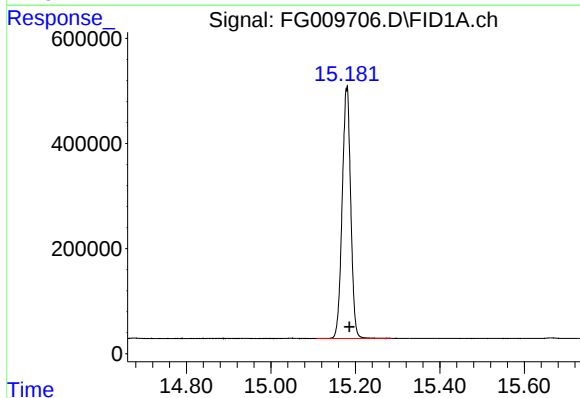
R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 6675425
Conc: 48.82 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



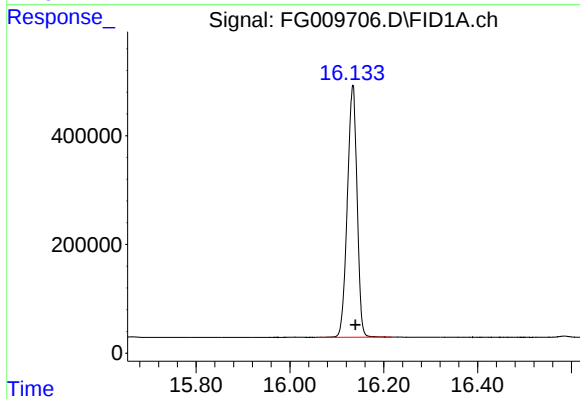
#14 n-Tetracosane (C24)

R.T.: 14.155 min
Delta R.T.: -0.007 min
Response: 6718010
Conc: 48.90 ug/ml



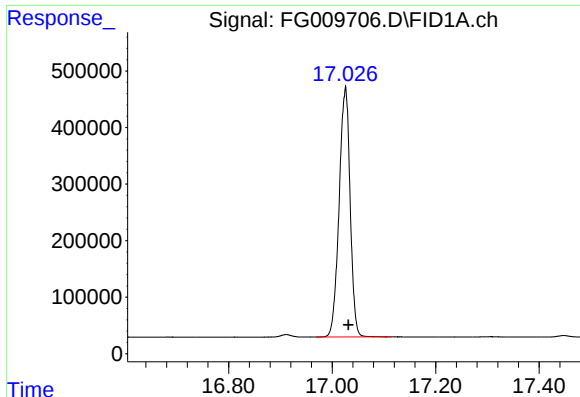
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: -0.005 min
Response: 6705271
Conc: 49.11 ug/ml



#16 n-Octacosane (C28)

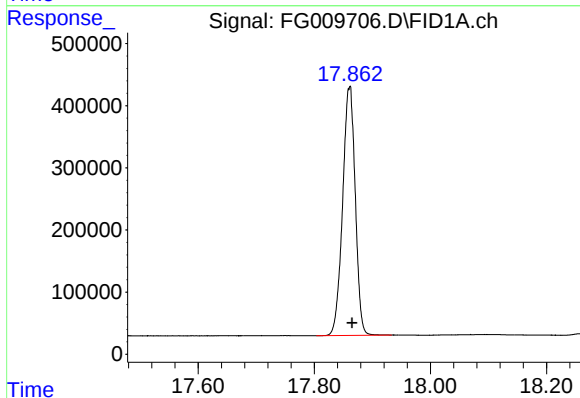
R.T.: 16.134 min
Delta R.T.: -0.005 min
Response: 6656489
Conc: 49.25 ug/ml



#17 n-Tricontane (C30)

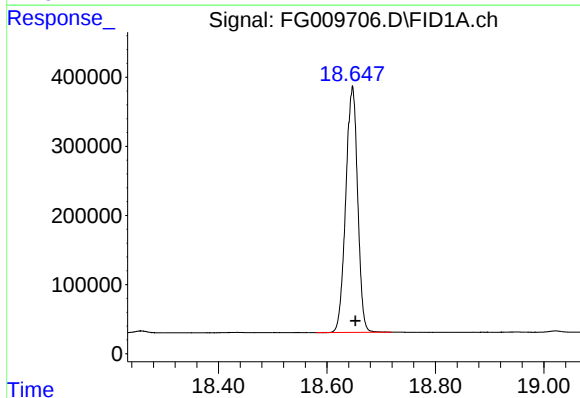
R.T.: 17.026 min
Delta R.T.: -0.006 min
Response: 6504503
Conc: 49.44 ug/ml

Instrument :
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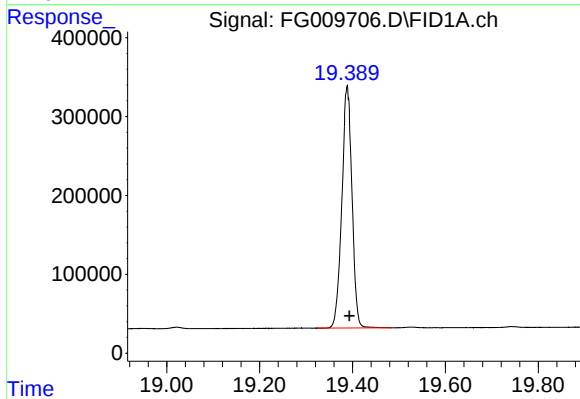
#18 n-Dotriacontane (C32)

R.T.: 17.861 min
Delta R.T.: -0.004 min
Response: 6056137
Conc: 49.43 ug/ml



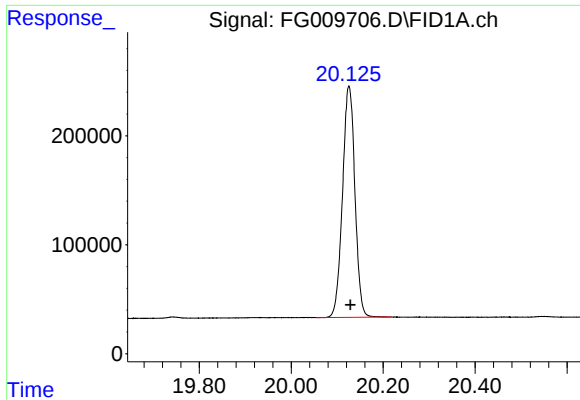
#19 n-Tetratriacontane (C34)

R.T.: 18.647 min
Delta R.T.: -0.005 min
Response: 5418826
Conc: 49.16 ug/ml



#20 n-Hexatriacontane (C36)

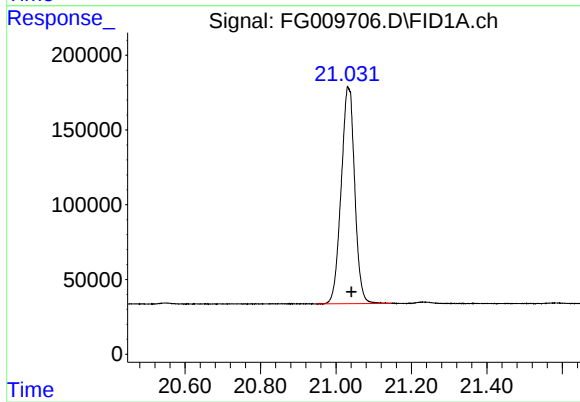
R.T.: 19.388 min
Delta R.T.: -0.005 min
Response: 4653431
Conc: 48.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.125 min
Delta R.T.: -0.004 min
Response: 3976417
Conc: 47.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: -0.010 min
Response: 3612825
Conc: 47.30 ug/ml