

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072122AL\
 Data File : FC060809.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2022 13:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 03:34:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.635	3156823	17.226 ug/ml
Spiked Amount 50.000		Recovery =	34.45%
12) S 1-chlorooctadecane (S...	12.001	2567781	17.421 ug/ml
Spiked Amount 50.000		Recovery =	34.84%
Target Compounds			
1) T n-Nonane (C9)	2.618	2954902	19.263 ug/ml
2) T n-Decane (C10)	3.616	3013005	19.729 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3145788	18.816 ug/ml
4) T n-Dodecane (C12)	5.566	3088938	19.113 ug/ml
5) T A~2-methylnaphthalene...	6.182	3133210	18.432 ug/ml
6) T n-Tetradecane (C14)	7.317	3098813	18.758 ug/ml
7) T n-Hexadecane (C16)	8.879	3074896	18.194 ug/ml
8) T n-Octadecane (C18)	10.287	3072691	17.860 ug/ml
10) T n-Eicosane (C20)	11.564	2993295	17.539 ug/ml
11) T n-Heneicosane (C21)	12.162	2933597	17.206 ug/ml
13) T n-Docosane (C22)	12.735	2883519	16.916 ug/ml
14) T n-Tetracosane (C24)	13.810	2779144	16.552 ug/ml
15) T n-Hexacosane (C26)	14.808	2643818	16.089 ug/ml
16) T n-Octacosane (C28)	15.735	2572377	16.211 ug/ml
17) T n-Tricontane (C30)	16.600	2593486	17.037 ug/ml
18) T n-Dotriacontane (C32)	17.413	2600555	17.890 ug/ml
19) T n-Tetratriacontane (C34)	18.177	2469615	19.444 ug/ml
20) T n-Hexatriacontane (C36)	18.899	2438710	21.730 ug/ml
21) T n-Octatriacontane (C38)	19.580	2352897	21.494 ug/ml
22) T n-Tetracontane (C40)	20.229	2278954	20.178 ug/ml

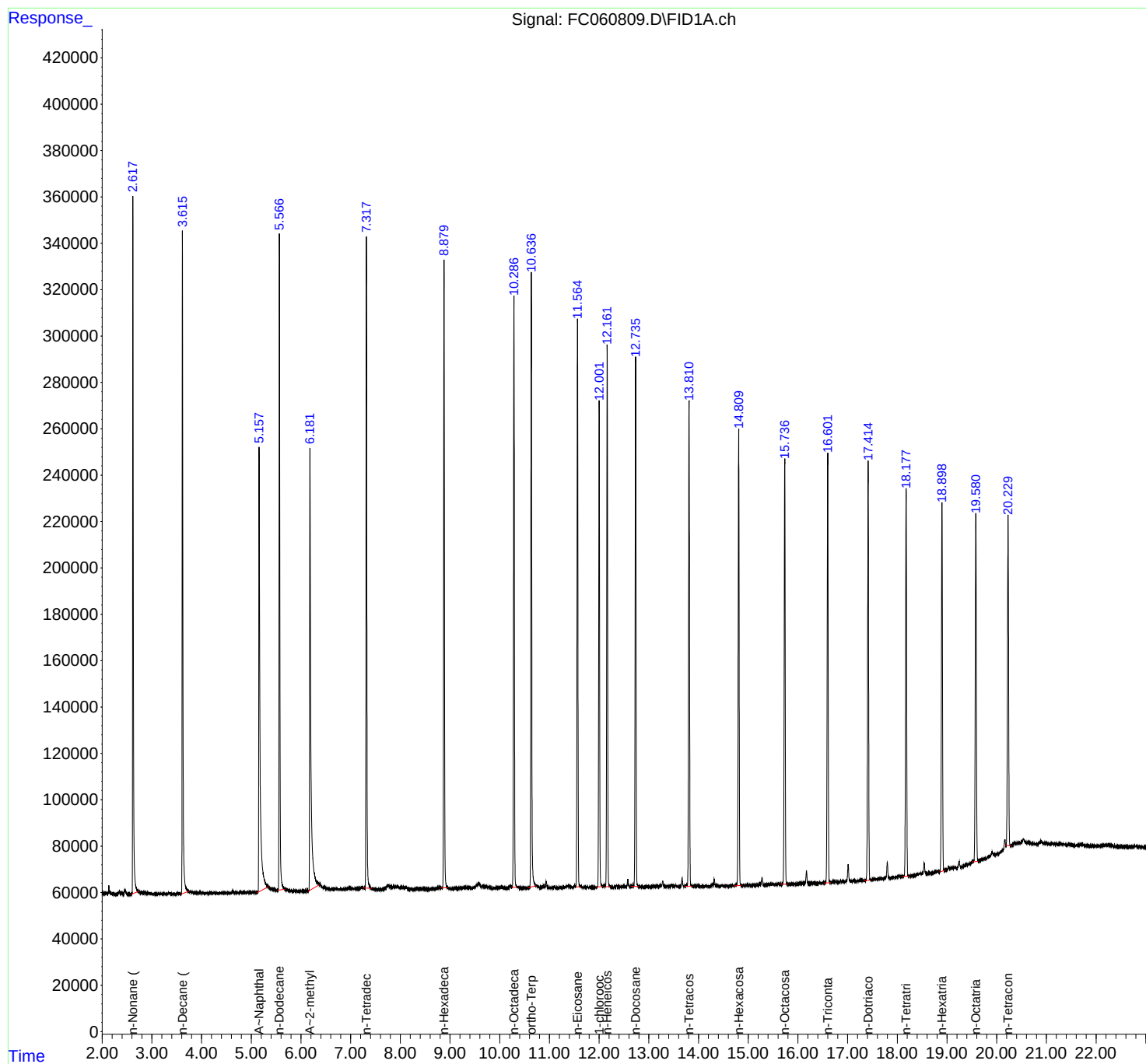
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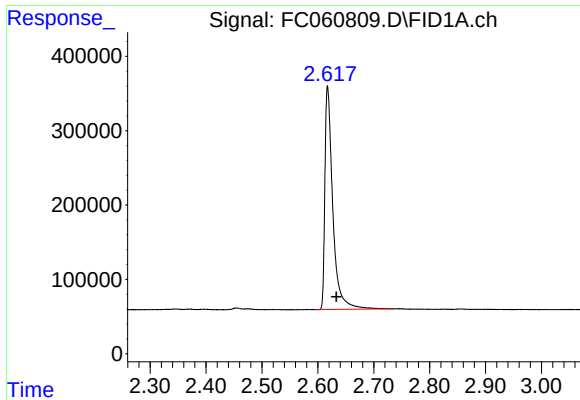
(m)=manual int.

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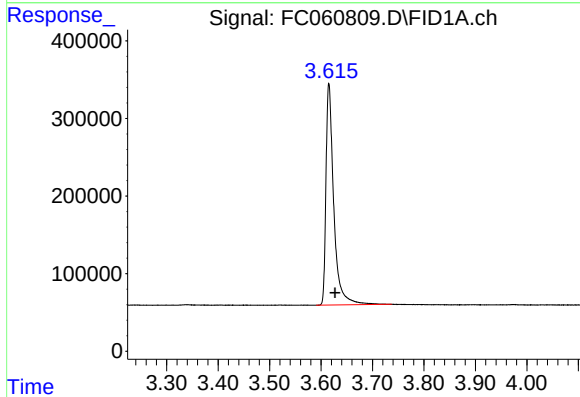
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





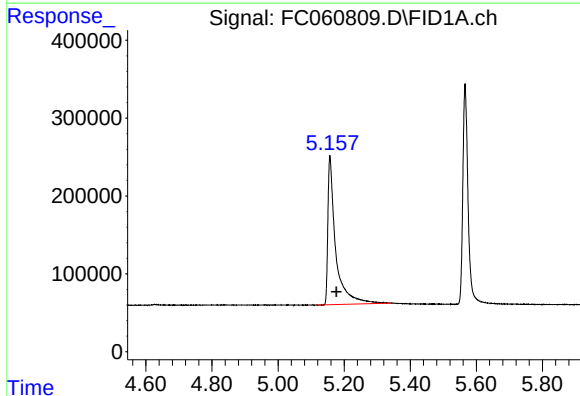
#1 n-Nonane (C9)

R.T.: 2.618 min
Delta R.T.: -0.015 min
Response: 2954902
Conc: 19.26 ug/ml



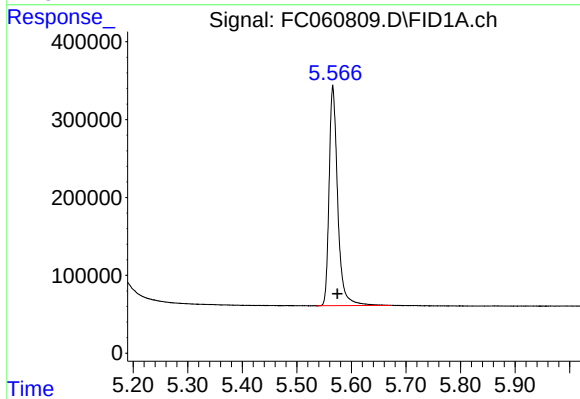
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.011 min
Response: 3013005
Conc: 19.73 ug/ml



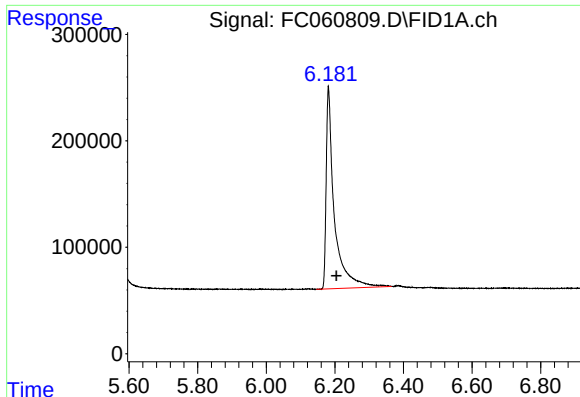
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.019 min
Response: 3145788
Conc: 18.82 ug/ml



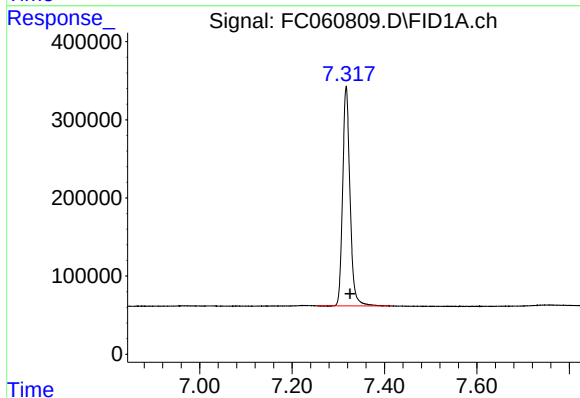
#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.008 min
Response: 3088938
Conc: 19.11 ug/ml



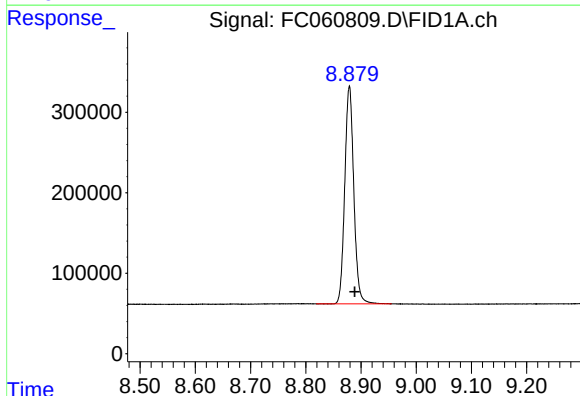
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3133210
Conc: 18.43 ug/ml



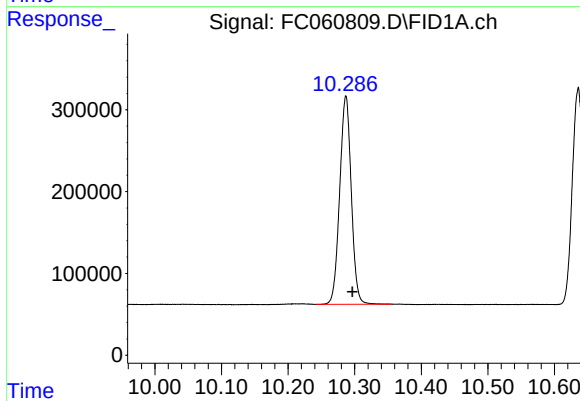
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 3098813
Conc: 18.76 ug/ml



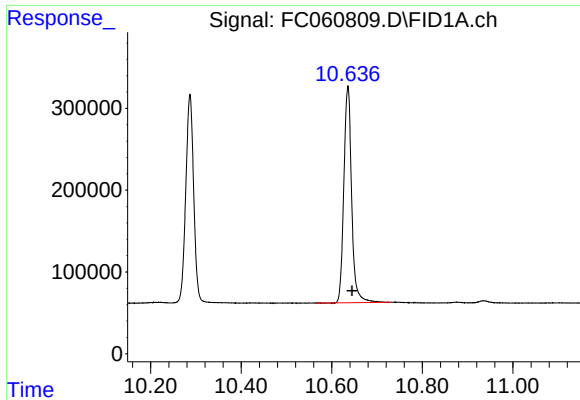
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.010 min
Response: 3074896
Conc: 18.19 ug/ml



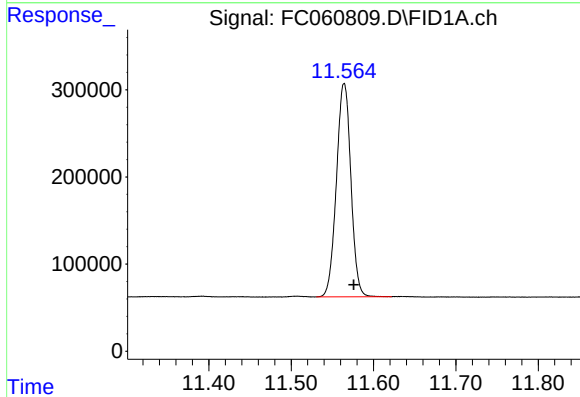
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.010 min
Response: 3072691
Conc: 17.86 ug/ml



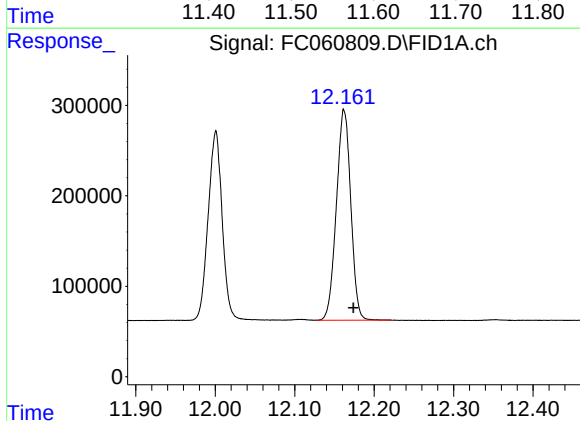
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: -0.009 min
Response: 3156823
Conc: 17.23 ug/ml



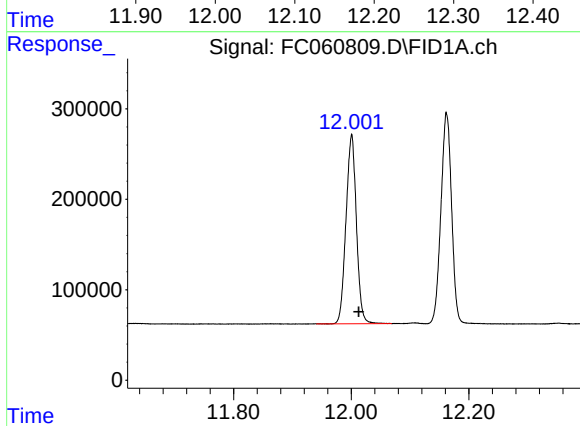
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: -0.012 min
Response: 2993295
Conc: 17.54 ug/ml



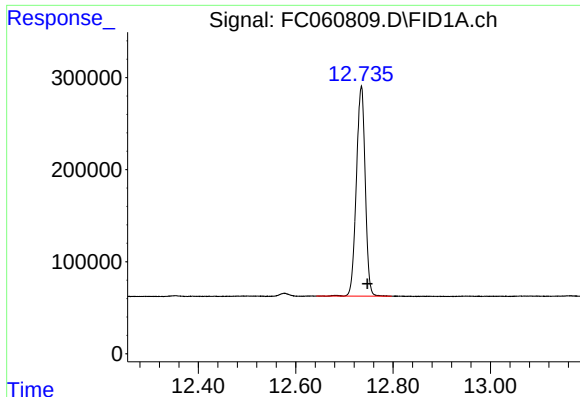
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 2933597
Conc: 17.21 ug/ml



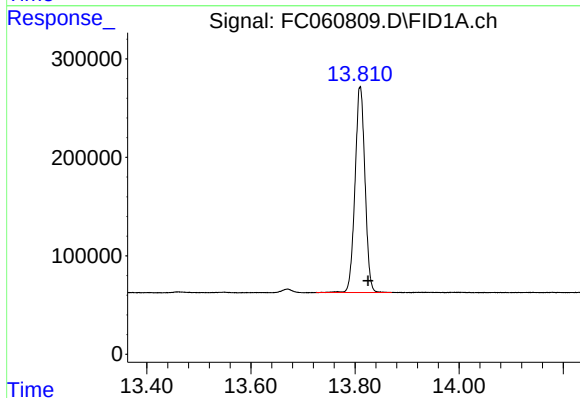
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2567781
Conc: 17.42 ug/ml



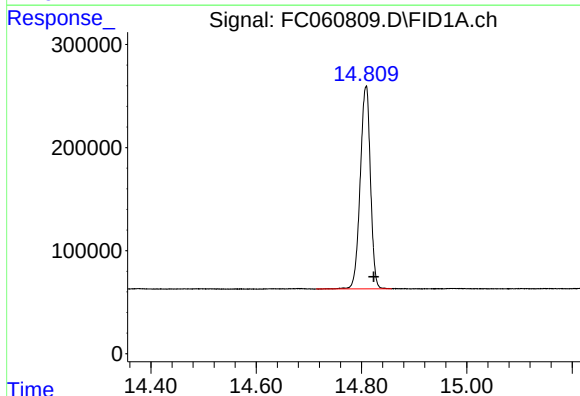
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.013 min
Response: 2883519
Conc: 16.92 ug/ml



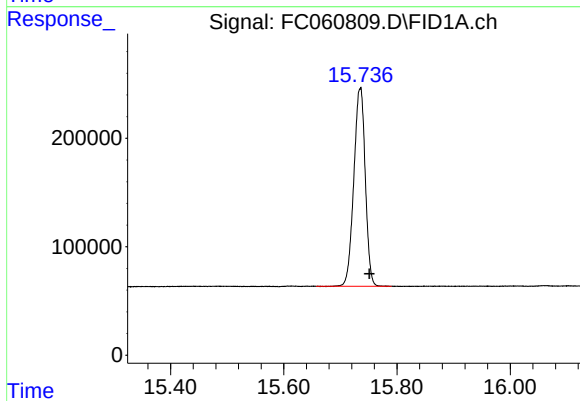
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.015 min
Response: 2779144
Conc: 16.55 ug/ml



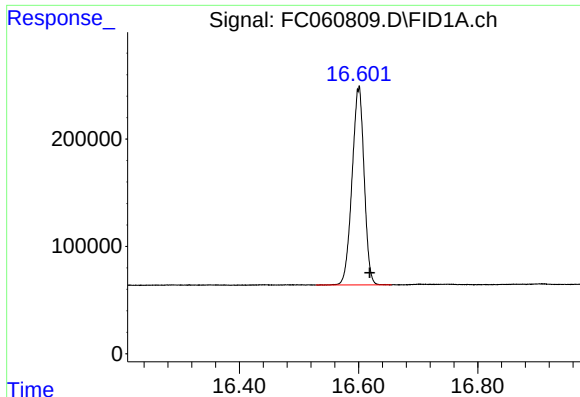
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: -0.015 min
Response: 2643818
Conc: 16.09 ug/ml



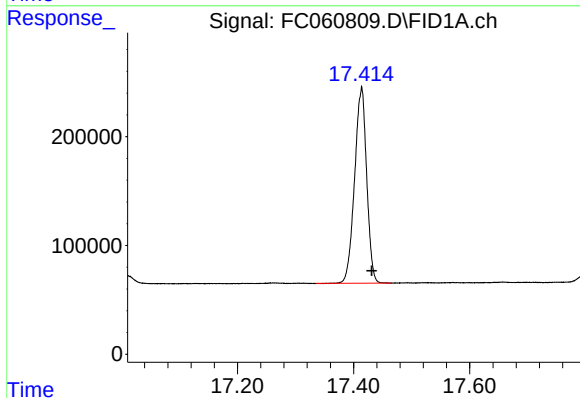
#16 n-Octacosane (C28)

R.T.: 15.735 min
Delta R.T.: -0.017 min
Response: 2572377
Conc: 16.21 ug/ml



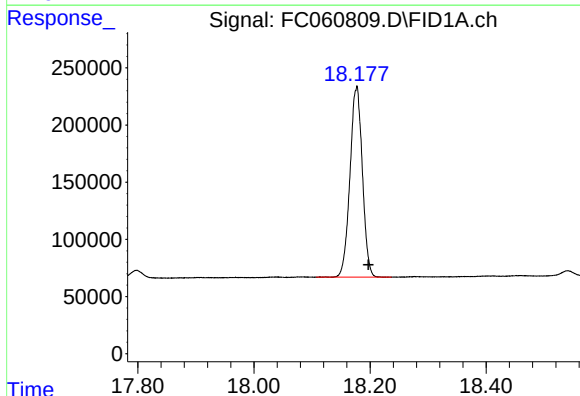
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.018 min
Response: 2593486
Conc: 17.04 ug/ml



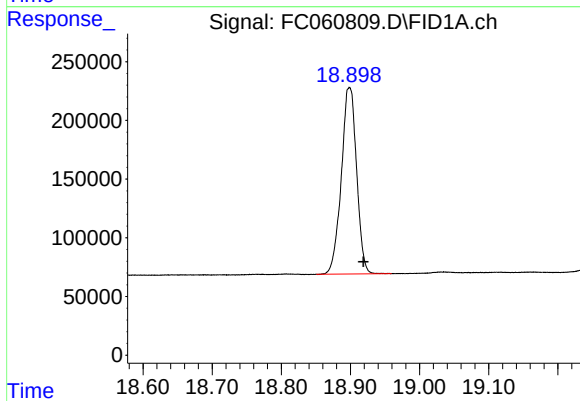
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.018 min
Response: 2600555
Conc: 17.89 ug/ml



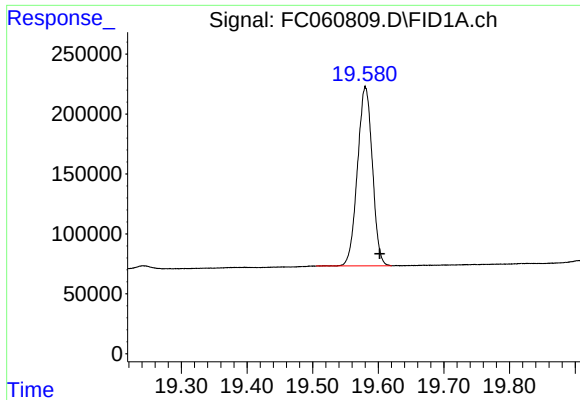
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.021 min
Response: 2469615
Conc: 19.44 ug/ml



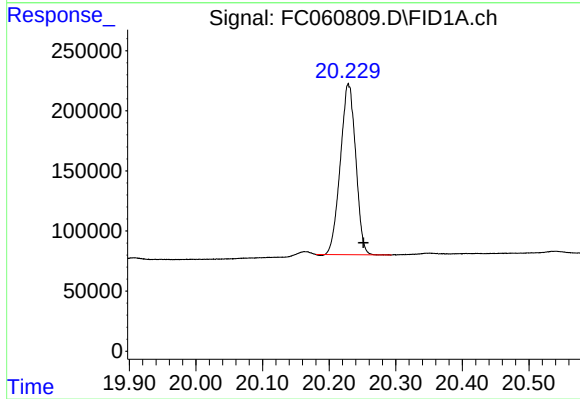
#20 n-Hexatriacontane (C36)

R.T.: 18.899 min
Delta R.T.: -0.020 min
Response: 2438710
Conc: 21.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.580 min
Delta R.T.: -0.022 min
Response: 2352897
Conc: 21.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.022 min
Response: 2278954
Conc: 20.18 ug/ml