

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016509.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 02:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:15:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.071	3114523	23.526 ug/ml
Spiked Amount 50.000		Recovery =	47.05%
12) S 1-chlorooctadecane (S...	13.515	2369112	23.536 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
Target Compounds			
1) T n-Nonane (C9)	3.389	2588457	22.880 ug/ml
2) T n-Decane (C10)	4.651	2673700	23.228 ug/ml
3) T A~Naphthalene (C11.7)	6.371	2890742	23.279 ug/ml
4) T n-Dodecane (C12)	6.833	2705036	23.318 ug/ml
5) T A~2-methylnaphthalene...	7.474	2773704	23.253 ug/ml
6) T n-Tetradecane (C14)	8.673	2688903	23.304 ug/ml
7) T n-Hexadecane (C16)	10.292	2784823	23.330 ug/ml
8) T n-Octadecane (C18)	11.747	2834241	23.457 ug/ml
10) T n-Eicosane (C20)	13.066	2750017	23.574 ug/ml
11) T n-Heneicosane (C21)	13.683	2716101	23.630 ug/ml
13) T n-Docosane (C22)	14.273	2702154	23.650 ug/ml
14) T n-Tetracosane (C24)	15.385	2704787	23.779 ug/ml
15) T n-Hexacosane (C26)	16.414	2653191	23.894 ug/ml
16) T n-Octacosane (C28)	17.369	2570755	23.780 ug/ml
17) T n-Tricontane (C30)	18.263	2569270	23.524 ug/ml
18) T n-Dotriacontane (C32)	19.100	2449546	23.298 ug/ml
19) T n-Tetratriacontane (C34)	19.888	2241931	23.346 ug/ml
20) T n-Hexatriacontane (C36)	20.632	1917525	22.930 ug/ml
21) T n-Octatriacontane (C38)	21.417	1679086	21.807 ug/ml
22) T n-Tetracontane (C40)	22.415	1655400	22.282 ug/ml

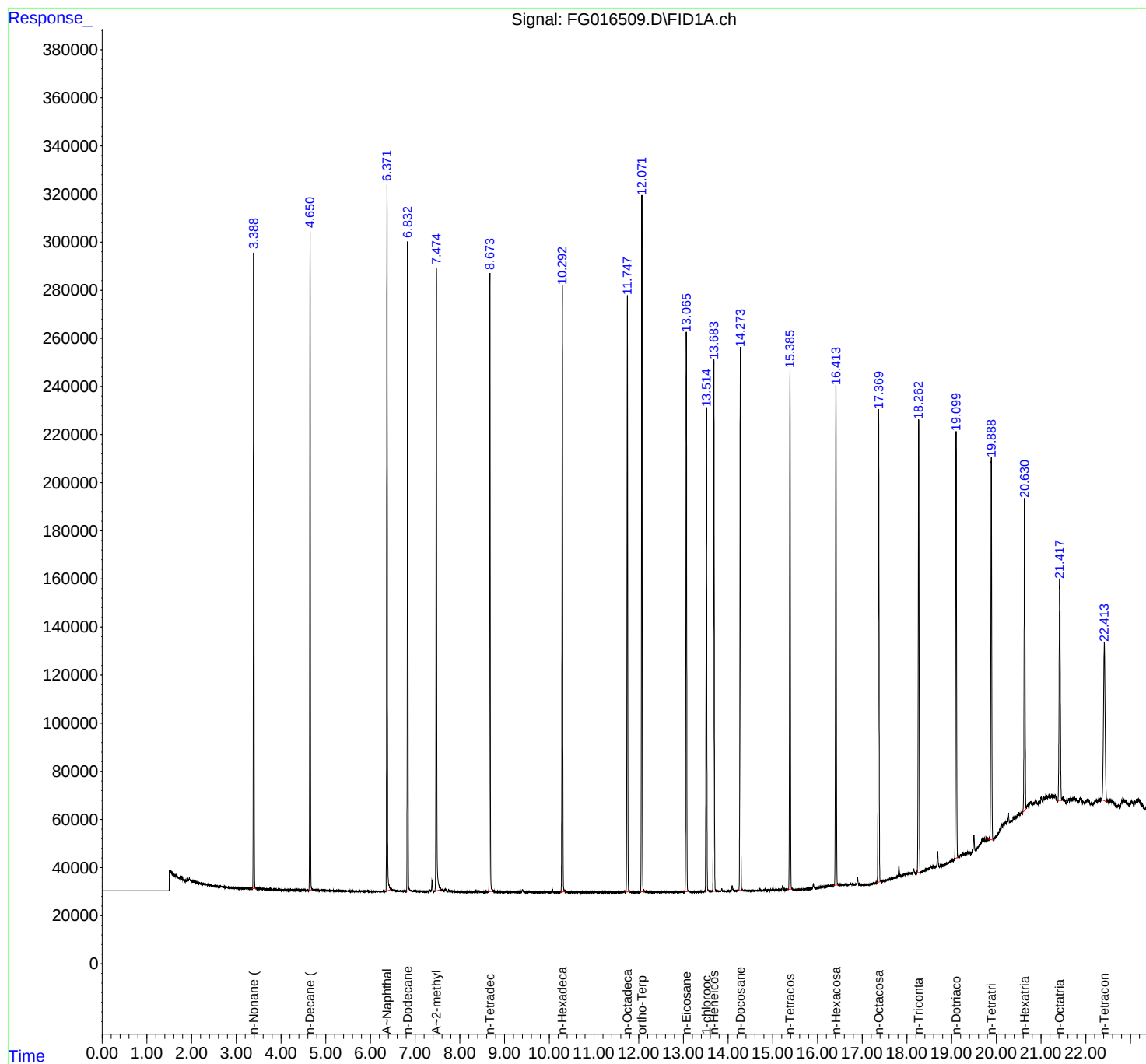
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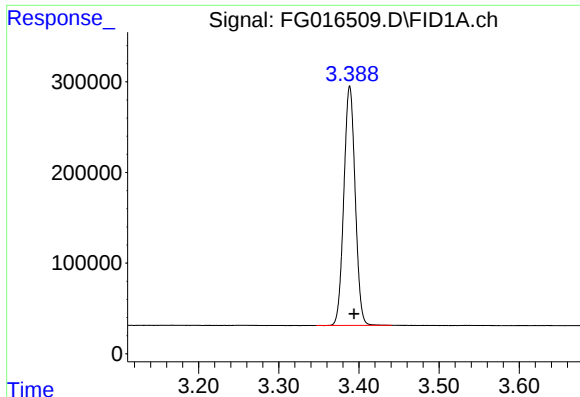
(m)=manual int.

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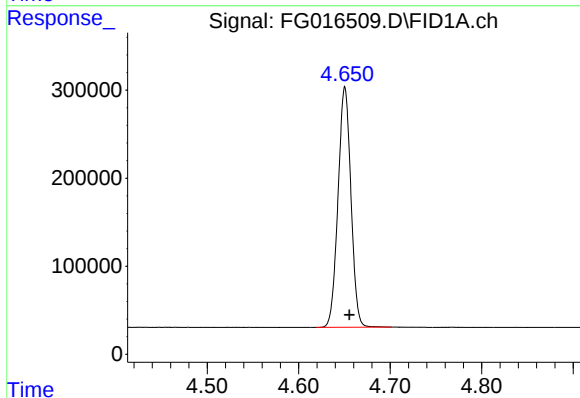
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Signal Info : 20M x 0.18mm x 0.18um





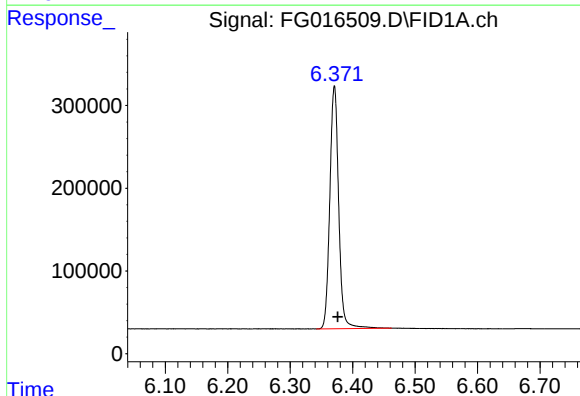
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: -0.005 min
Response: 2588457
Conc: 22.88 ug/ml



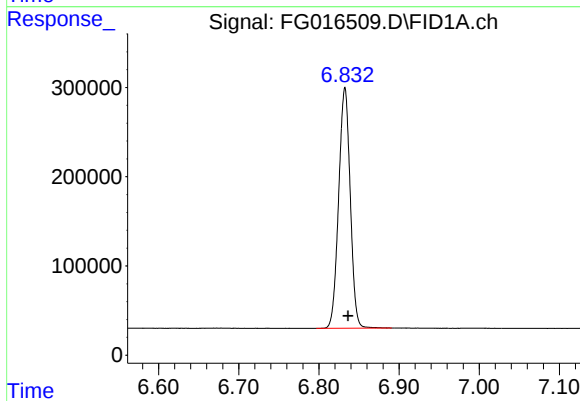
#2 n-Decane (C10)

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 2673700
Conc: 23.23 ug/ml



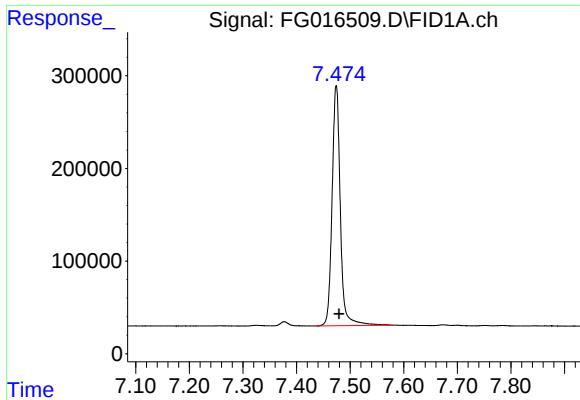
#3 A~Naphthalene (C11.7)

R.T.: 6.371 min
Delta R.T.: -0.005 min
Response: 2890742
Conc: 23.28 ug/ml



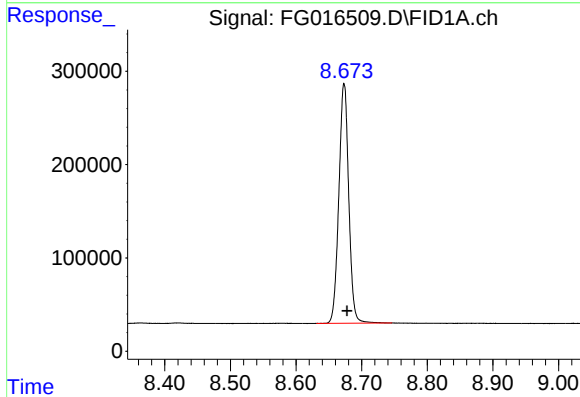
#4 n-Dodecane (C12)

R.T.: 6.833 min
Delta R.T.: -0.004 min
Response: 2705036
Conc: 23.32 ug/ml



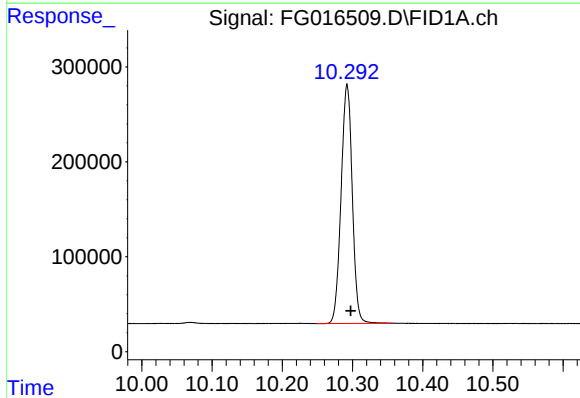
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 2773704
Conc: 23.25 ug/ml



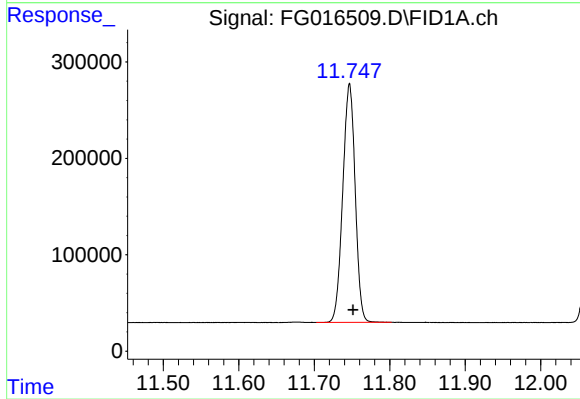
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 2688903
Conc: 23.30 ug/ml



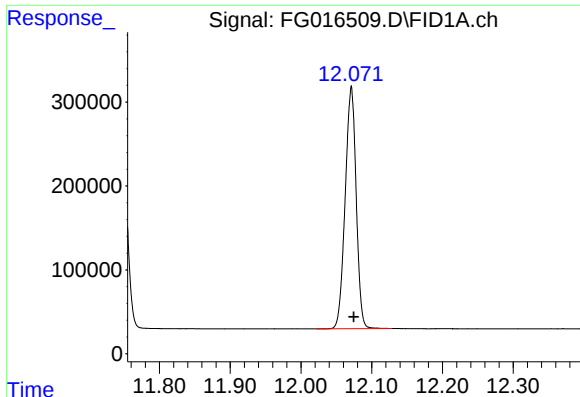
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 2784823
Conc: 23.33 ug/ml



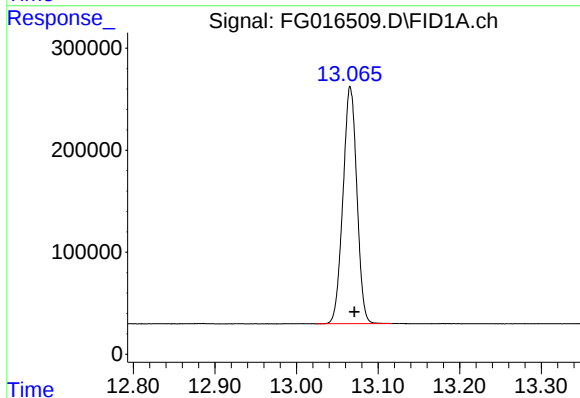
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.005 min
Response: 2834241
Conc: 23.46 ug/ml



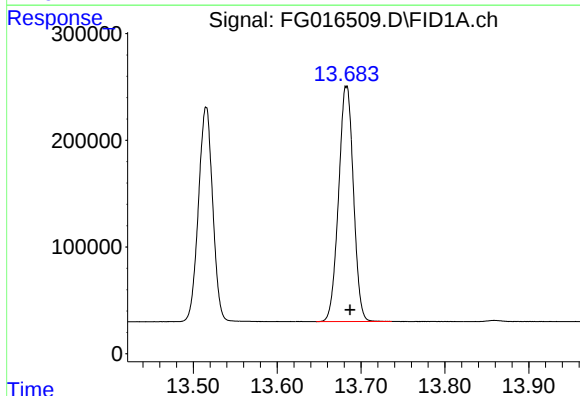
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.004 min
Response: 3114523
Conc: 23.53 ug/ml



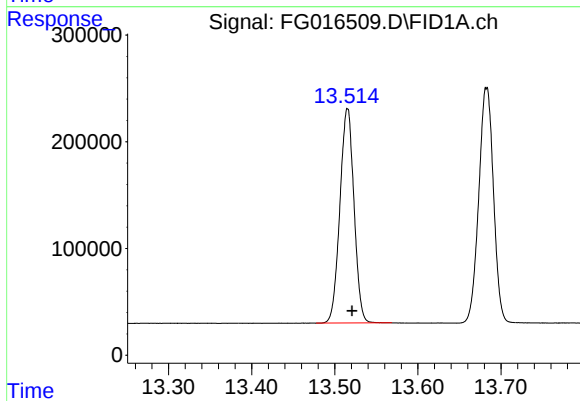
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: -0.005 min
Response: 2750017
Conc: 23.57 ug/ml



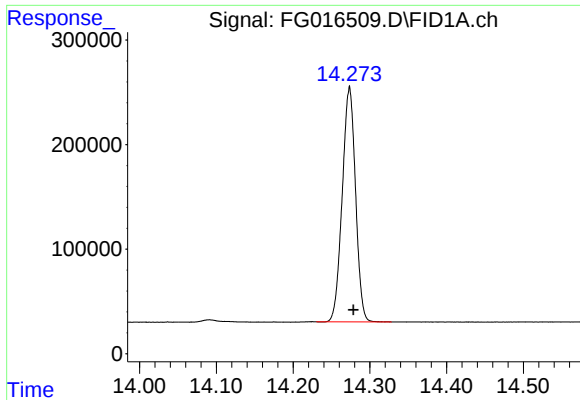
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 2716101
Conc: 23.63 ug/ml



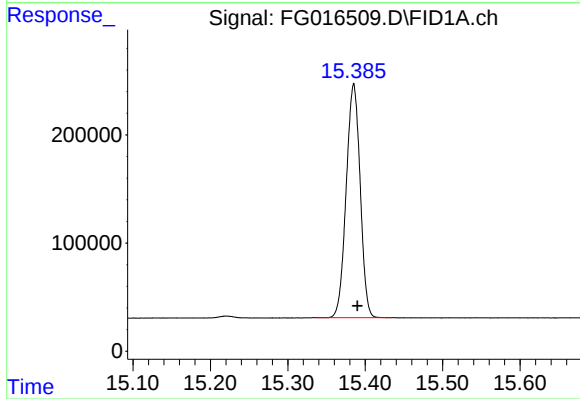
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 2369112
Conc: 23.54 ug/ml



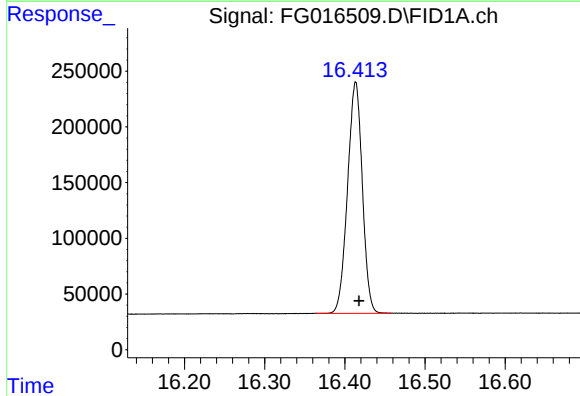
#13 n-Docosane (C22)

R.T.: 14.273 min
Delta R.T.: -0.005 min
Response: 2702154
Conc: 23.65 ug/ml



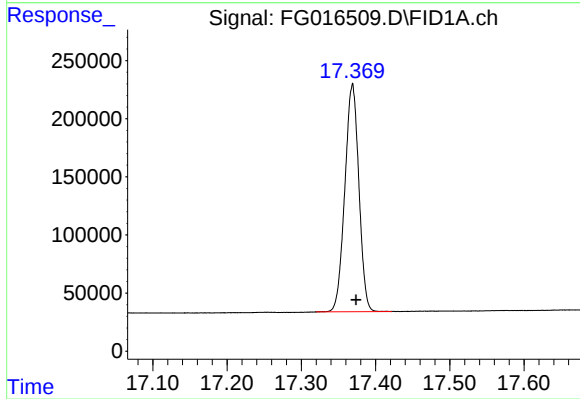
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: -0.005 min
Response: 2704787
Conc: 23.78 ug/ml



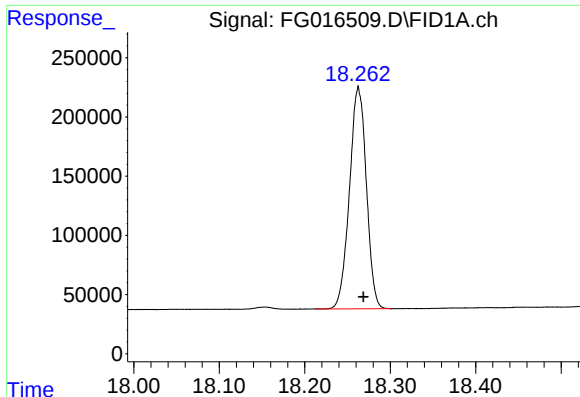
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: -0.004 min
Response: 2653191
Conc: 23.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.369 min
Delta R.T.: -0.005 min
Response: 2570755
Conc: 23.78 ug/ml



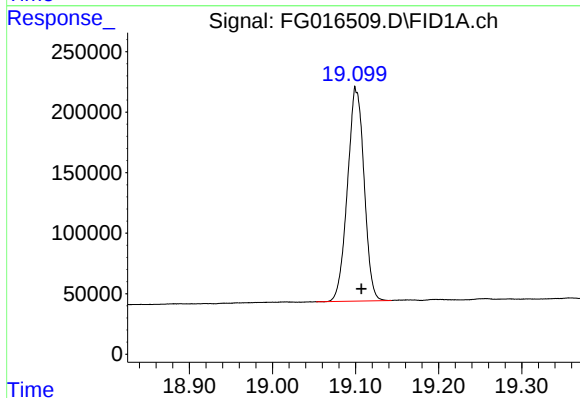
#17 n-Tricontane (C30)

R.T.: 18.263 min

Delta R.T.: -0.006 min

Response: 2569270

Conc: 23.52 ug/ml



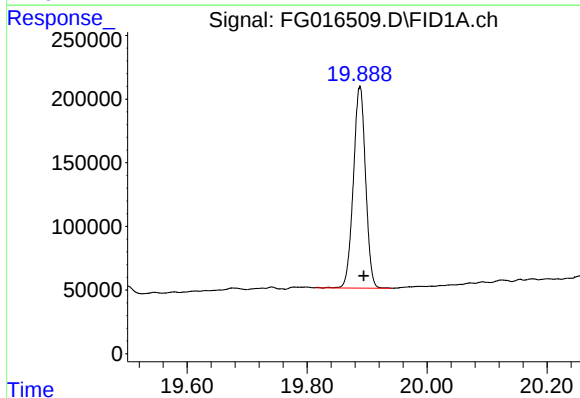
#18 n-Dotriacontane (C32)

R.T.: 19.100 min

Delta R.T.: -0.007 min

Response: 2449546

Conc: 23.30 ug/ml



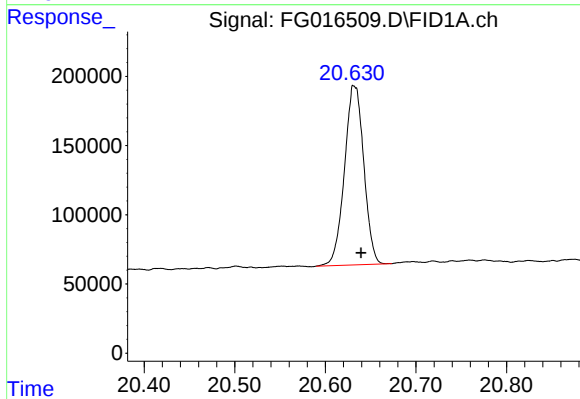
#19 n-Tetratriacontane (C34)

R.T.: 19.888 min

Delta R.T.: -0.006 min

Response: 2241931

Conc: 23.35 ug/ml



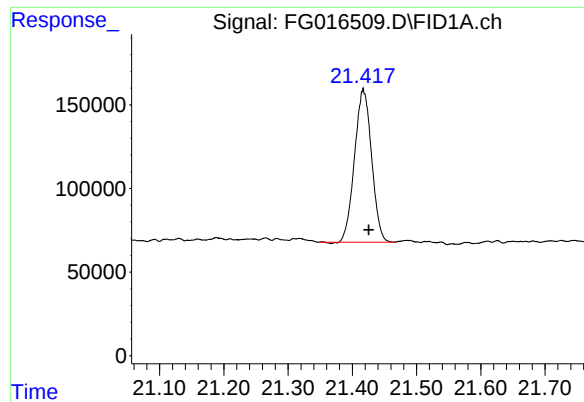
#20 n-Hexatriacontane (C36)

R.T.: 20.632 min

Delta R.T.: -0.007 min

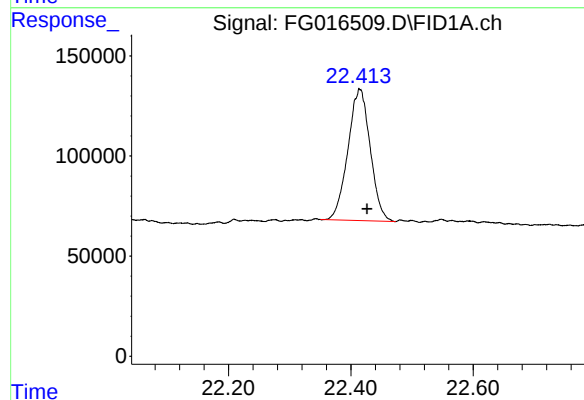
Response: 1917525

Conc: 22.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.417 min
Delta R.T.: -0.009 min
Response: 1679086
Conc: 21.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.415 min
Delta R.T.: -0.012 min
Response: 1655400
Conc: 22.28 ug/ml