

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091925AL\
 Data File : FF016405.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2025 12:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 23:52:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 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)	11.975	2971054	20.542 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.415	2232507	20.015 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.329	2404704	20.568 ug/ml
2) T n-Decane (C10)	4.590	2462214	20.787 ug/ml
3) T A~Naphthalene (C11.7)	6.301	2688738	20.587 ug/ml
4) T n-Dodecane (C12)	6.768	2491972	20.761 ug/ml
5) T A~2-methylnaphthalene...	7.400	2602632	20.442 ug/ml
6) T n-Tetradecane (C14)	8.601	2483838	20.613 ug/ml
7) T n-Hexadecane (C16)	10.210	2351556	18.829 ug/ml
8) T n-Octadecane (C18)	11.657	2637648	20.363 ug/ml
10) T n-Eicosane (C20)	12.969	2604318	20.367 ug/ml
11) T n-Heneicosane (C21)	13.583	2585238	20.362 ug/ml
13) T n-Docosane (C22)	14.170	2582941	20.344 ug/ml
14) T n-Tetracosane (C24)	15.277	2588800	20.238 ug/ml
15) T n-Hexacosane (C26)	16.301	2487077	19.896 ug/ml
16) T n-Octacosane (C28)	17.254	2401017	19.596 ug/ml
17) T n-Tricontane (C30)	18.145	2376463	19.082 ug/ml
18) T n-Dotriacontane (C32)	18.980	2199665	18.250 ug/ml
19) T n-Tetratriacontane (C34)	19.766	1991654	18.264 ug/ml
20) T n-Hexatriacontane (C36)	20.508	1723472	18.466 ug/ml
21) T n-Octatriacontane (C38)	21.270	1337375	15.902 ug/ml
22) T n-Tetracontane (C40)	22.224	1276340	16.257 ug/ml

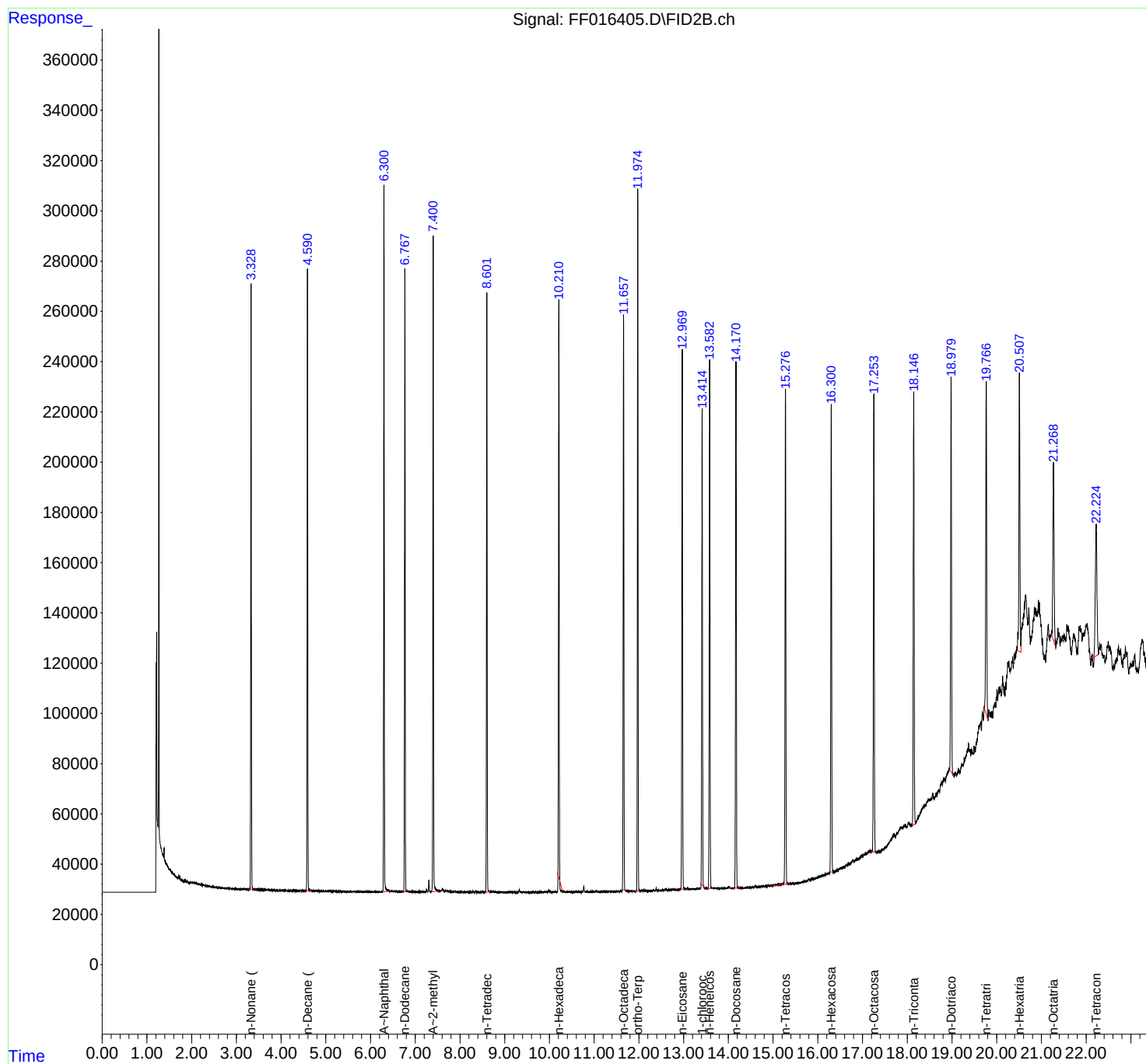
(f)=RT Delta > 1/2 Window

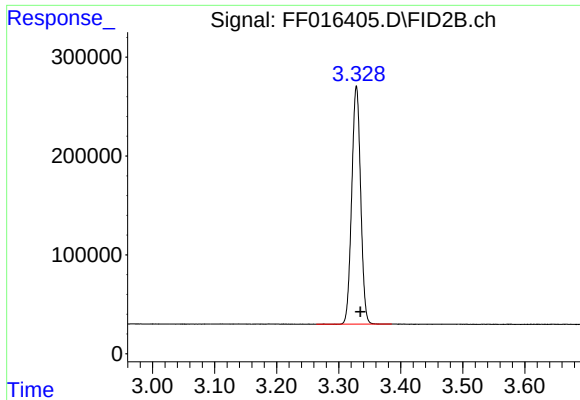
(m)=manual int.

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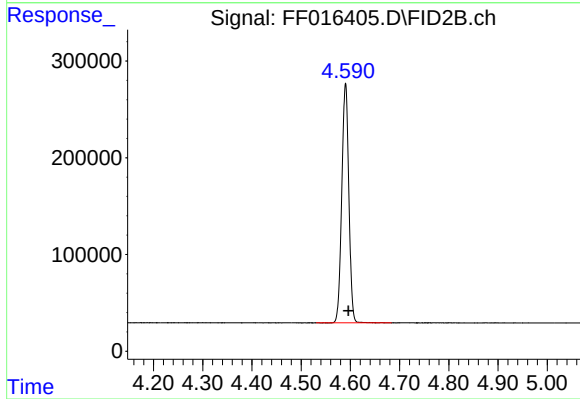
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Signal Info : 20M x 0.18mm x 0.18um





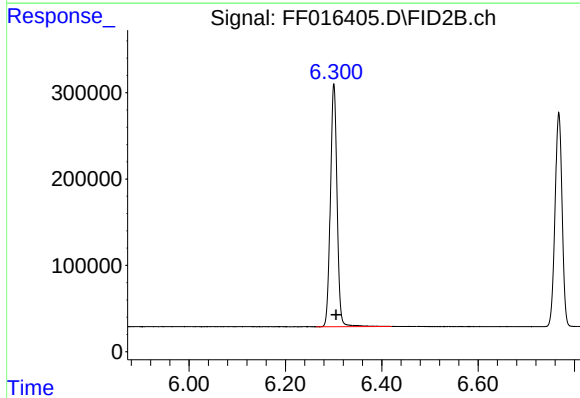
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 2404704
Conc: 20.57 ug/ml



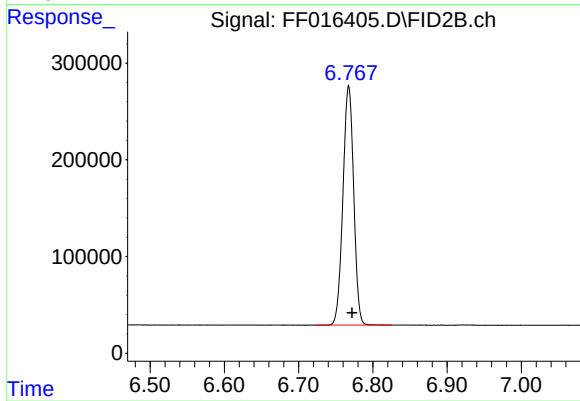
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 2462214
Conc: 20.79 ug/ml



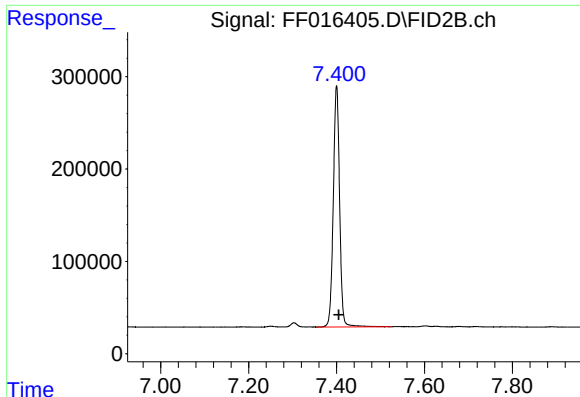
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 2688738
Conc: 20.59 ug/ml



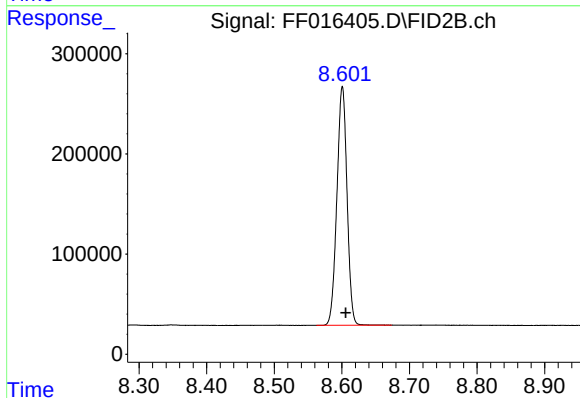
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 2491972
Conc: 20.76 ug/ml



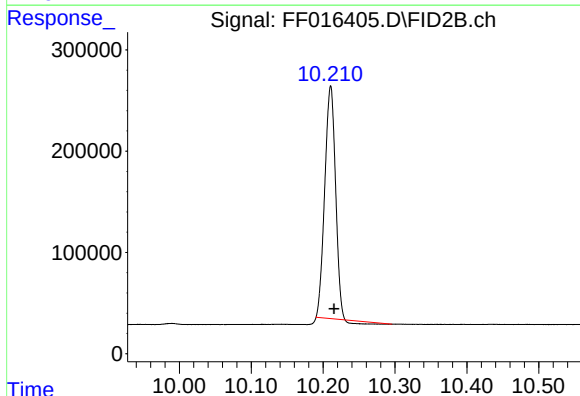
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.400 min
Delta R.T.: -0.005 min
Response: 2602632
Conc: 20.44 ug/ml



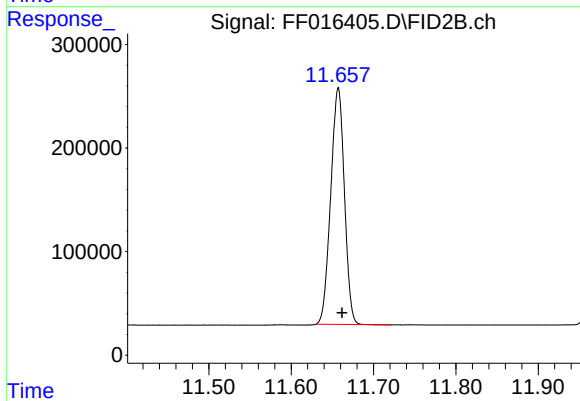
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.005 min
Response: 2483838
Conc: 20.61 ug/ml



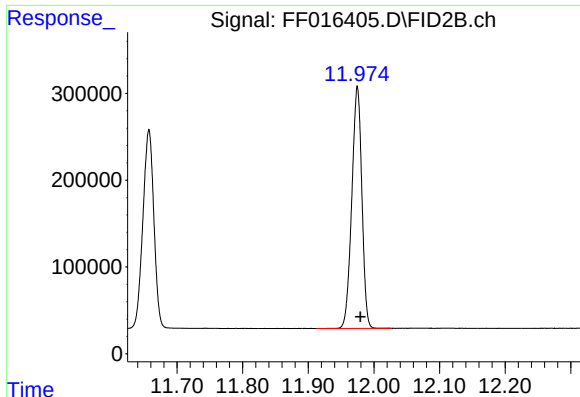
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.005 min
Response: 2351556
Conc: 18.83 ug/ml



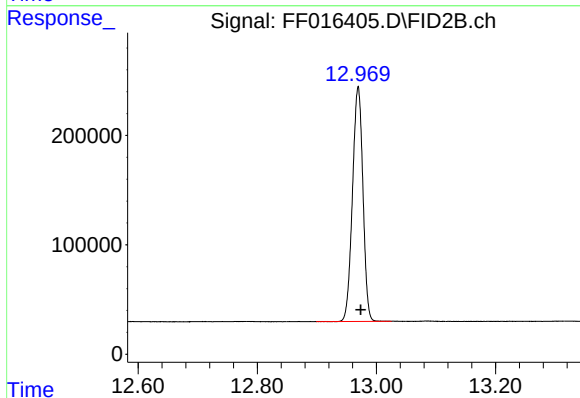
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 2637648
Conc: 20.36 ug/ml



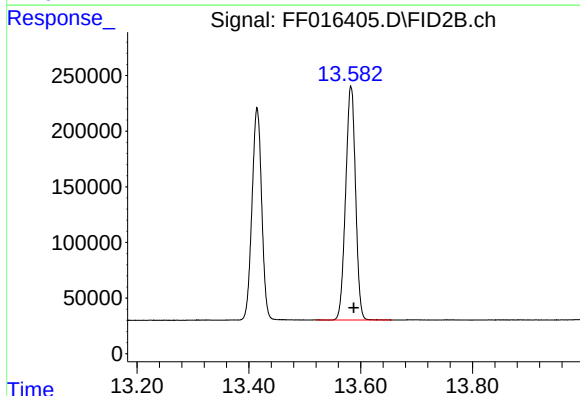
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.005 min
Response: 2971054
Conc: 20.54 ug/ml



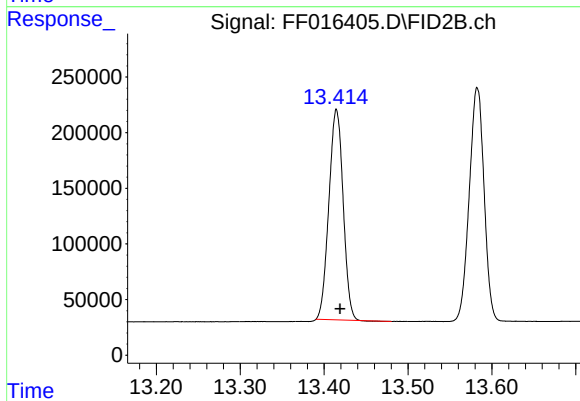
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: -0.004 min
Response: 2604318
Conc: 20.37 ug/ml



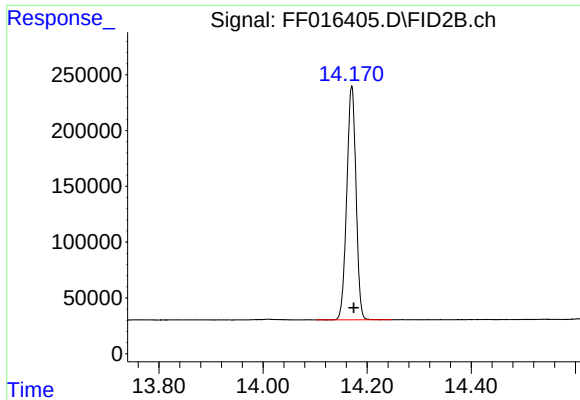
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: -0.005 min
Response: 2585238
Conc: 20.36 ug/ml



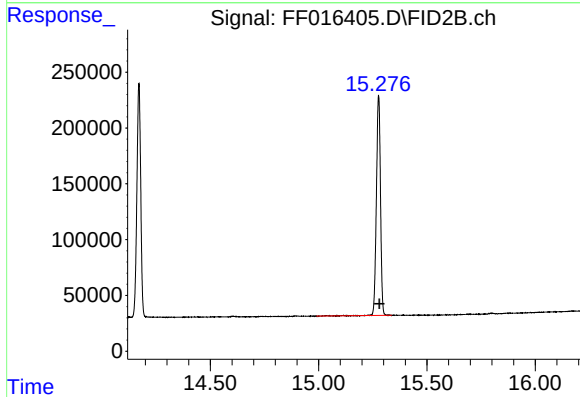
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: -0.004 min
Response: 2232507
Conc: 20.01 ug/ml



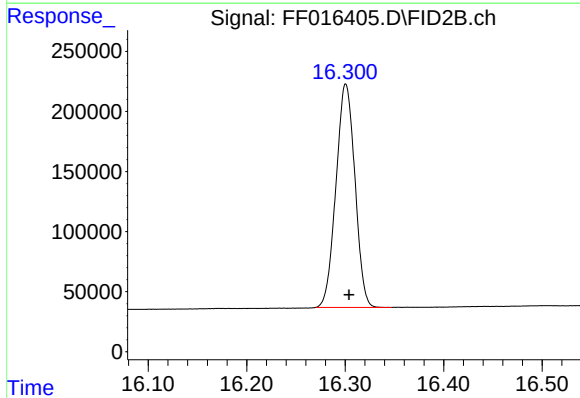
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: -0.004 min
Response: 2582941
Conc: 20.34 ug/ml



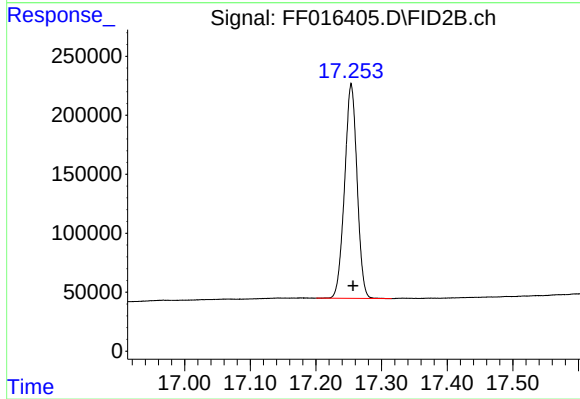
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.003 min
Response: 2588800
Conc: 20.24 ug/ml



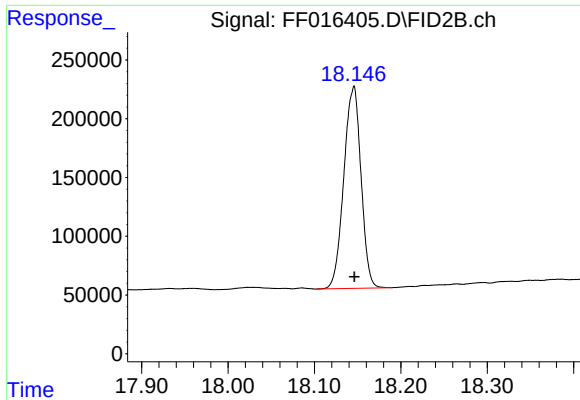
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: -0.003 min
Response: 2487077
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: -0.003 min
Response: 2401017
Conc: 19.60 ug/ml



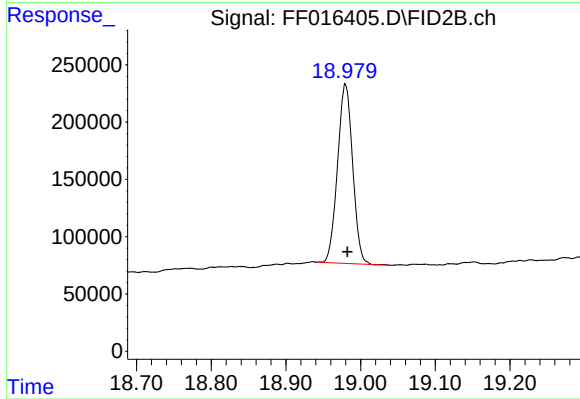
#17 n-Tricontane (C30)

R.T.: 18.145 min

Delta R.T.: -0.001 min

Response: 2376463

Conc: 19.08 ug/ml



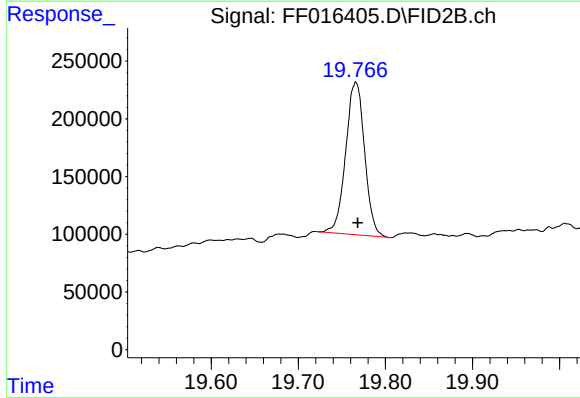
#18 n-Dotriacontane (C32)

R.T.: 18.980 min

Delta R.T.: -0.003 min

Response: 2199665

Conc: 18.25 ug/ml



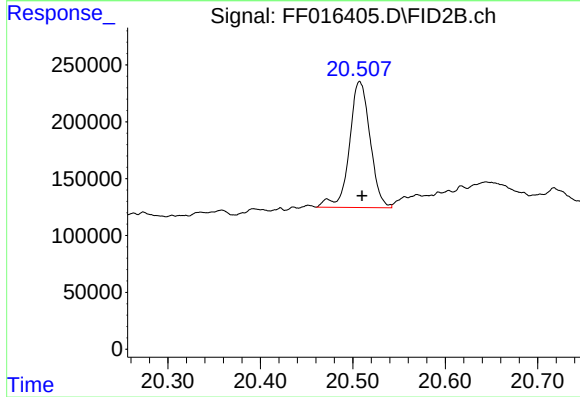
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min

Delta R.T.: -0.002 min

Response: 1991654

Conc: 18.26 ug/ml



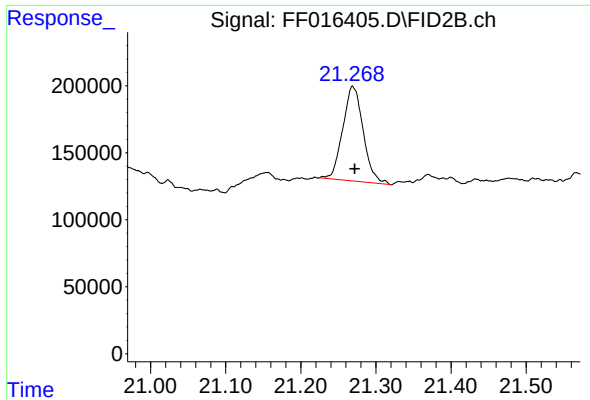
#20 n-Hexatriacontane (C36)

R.T.: 20.508 min

Delta R.T.: -0.003 min

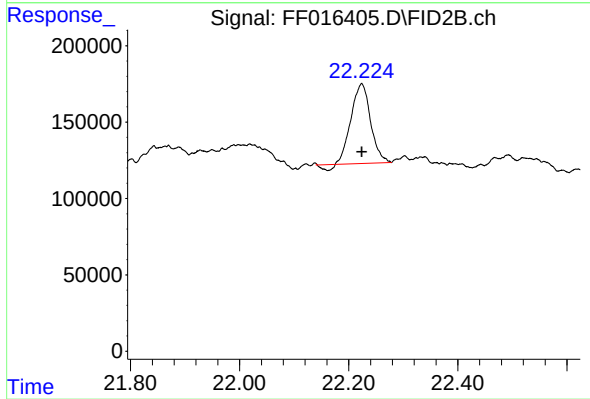
Response: 1723472

Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.270 min
Delta R.T.: -0.002 min
Response: 1337375
Conc: 15.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.224 min
Delta R.T.: 0.000 min
Response: 1276340
Conc: 16.26 ug/ml