

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016298.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2025 11:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 02:15:39 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)	11.972	3074430	21.257 ug/ml
Spiked Amount 50.000		Recovery =	42.51%
12) S 1-chlorooctadecane (S...	13.414	2339718	20.976 ug/mlm
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.321	2472591	21.149 ug/ml
2) T n-Decane (C10)	4.584	2542724	21.467 ug/ml
3) T A~Naphthalene (C11.7)	6.295	2817999	21.576 ug/ml
4) T n-Dodecane (C12)	6.763	2578927	21.485 ug/ml
5) T A~2-methylnaphthalene...	7.395	2739952	21.520 ug/ml
6) T n-Tetradecane (C14)	8.598	2572822	21.351 ug/ml
7) T n-Hexadecane (C16)	10.208	2676357	21.430 ug/mlm
8) T n-Octadecane (C18)	11.655	2744718	21.189 ug/mlm
10) T n-Eicosane (C20)	12.968	2712193	21.211 ug/ml
11) T n-Heneicosane (C21)	13.581	2689910	21.186 ug/ml
13) T n-Docosane (C22)	14.169	2704437	21.301 ug/ml
14) T n-Tetracosane (C24)	15.276	2728898	21.333 ug/ml
15) T n-Hexacosane (C26)	16.298	2678769	21.429 ug/mlm
16) T n-Octacosane (C28)	17.252	2610227	21.304 ug/ml
17) T n-Tricontane (C30)	18.142	2621860	21.052 ug/ml
18) T n-Dotriacontane (C32)	18.978	2498350	20.728 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2255582	20.684 ug/ml
20) T n-Hexatriacontane (C36)	20.507	1945121	20.841 ug/ml
21) T n-Octatriacontane (C38)	21.267	1716111	20.406 ug/ml
22) T n-Tetracontane (C40)	22.215	1517864	19.334 ug/ml

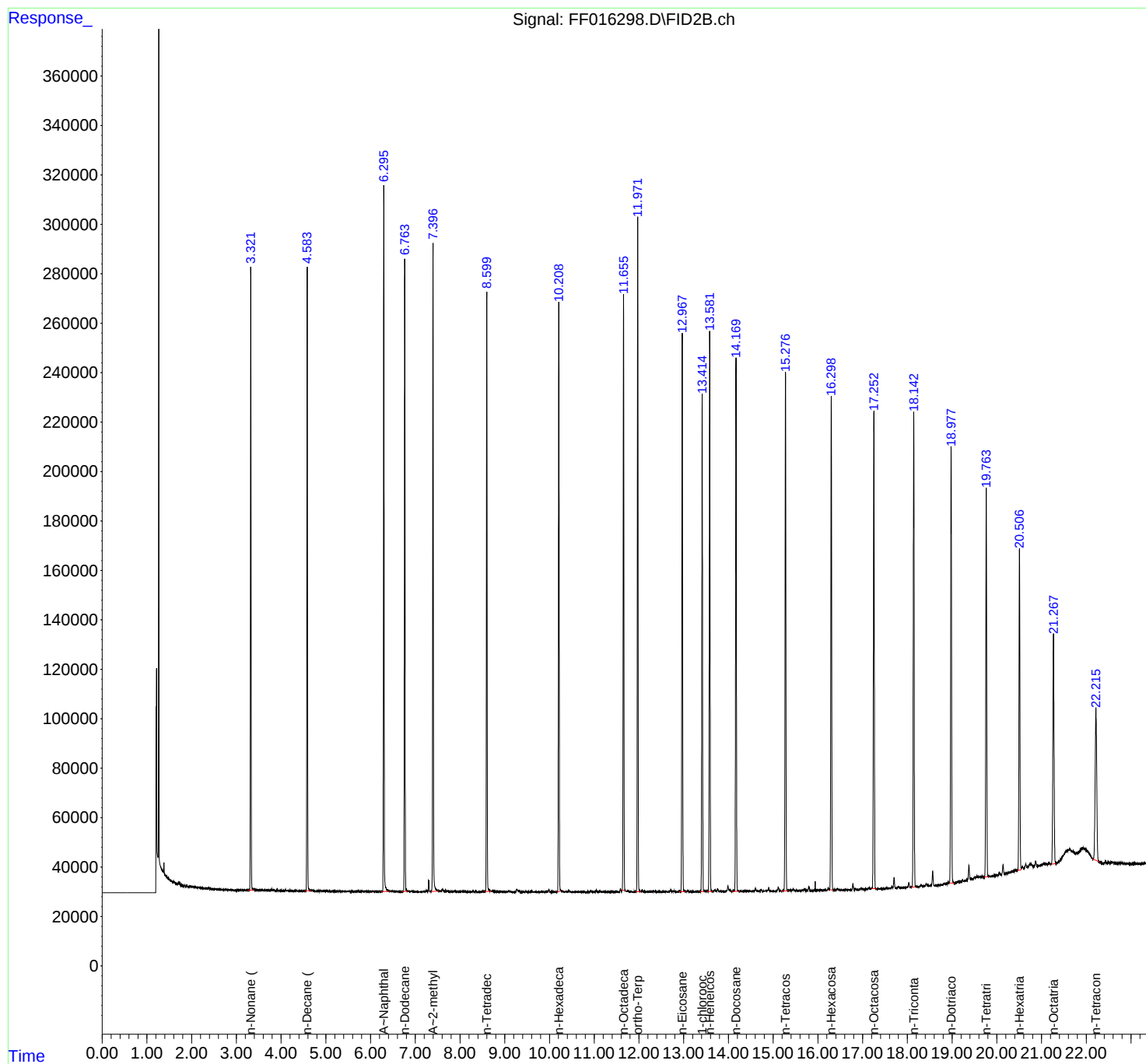
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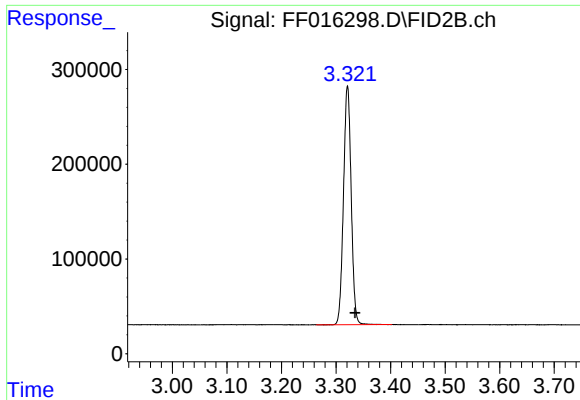
(m)=manual int.

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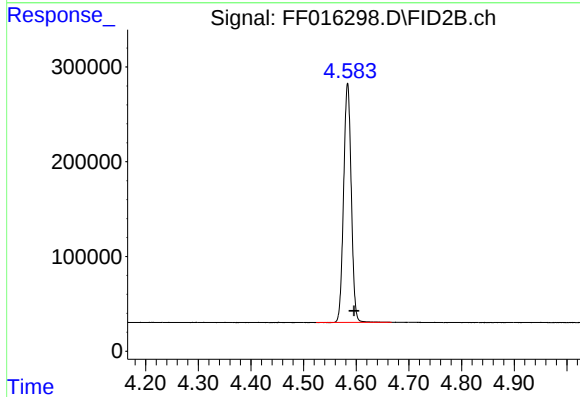
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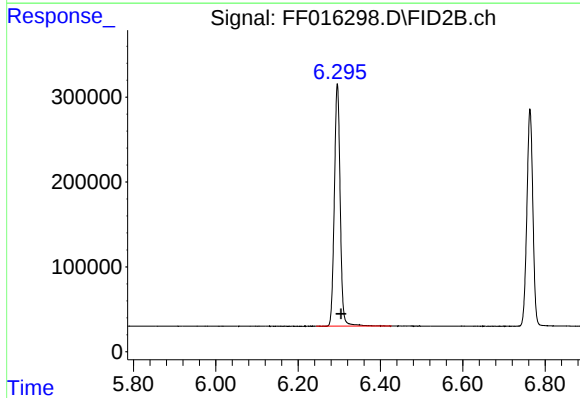
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.014 min
Response: 2472591
Conc: 21.15 ug/ml



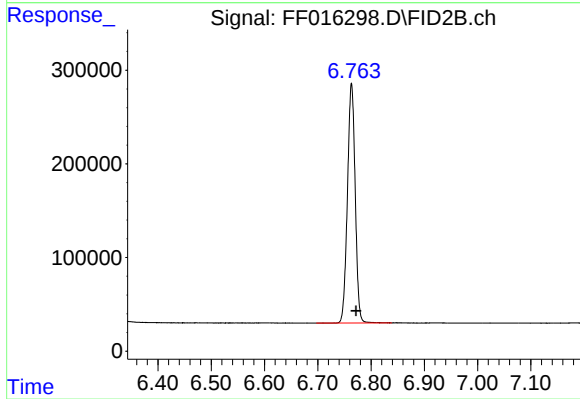
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.012 min
Response: 2542724
Conc: 21.47 ug/ml



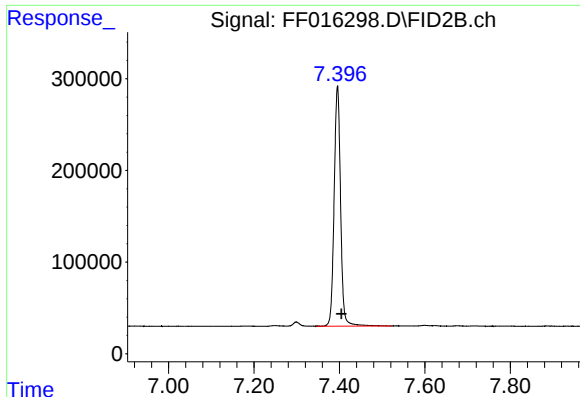
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.010 min
Response: 2817999
Conc: 21.58 ug/ml



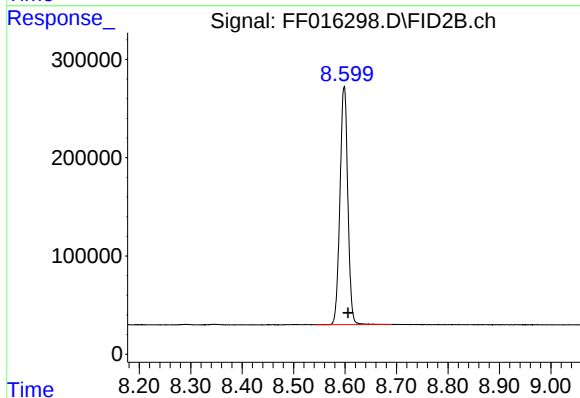
#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 2578927
Conc: 21.49 ug/ml



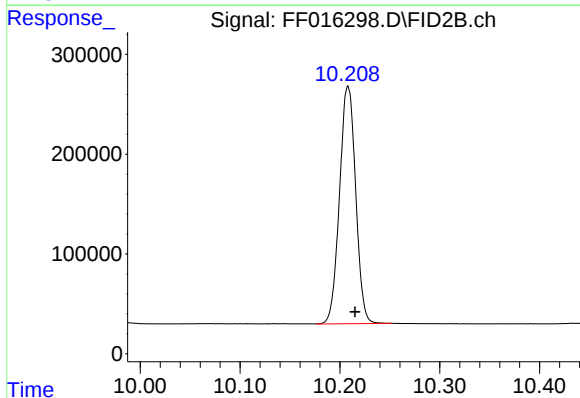
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 2739952
Conc: 21.52 ug/ml



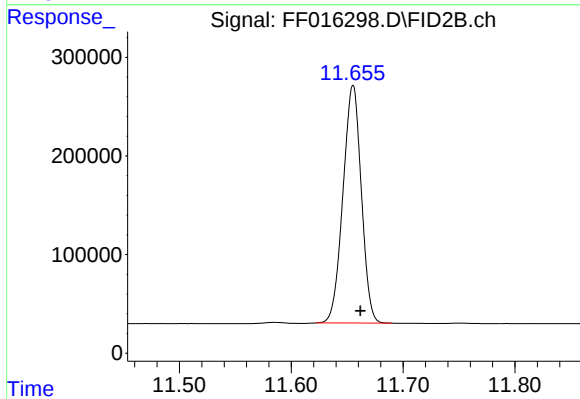
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 2572822
Conc: 21.35 ug/ml



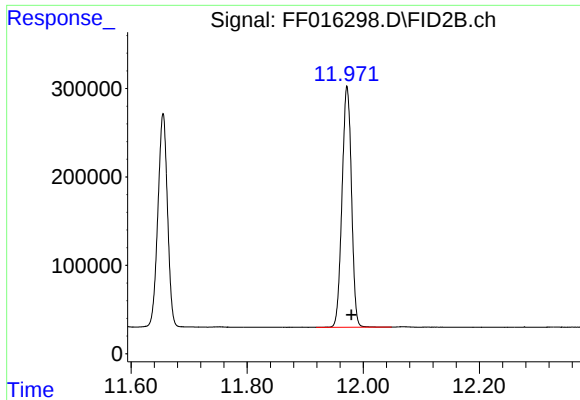
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.008 min
Response: 2676357
Conc: 21.43 ug/ml m



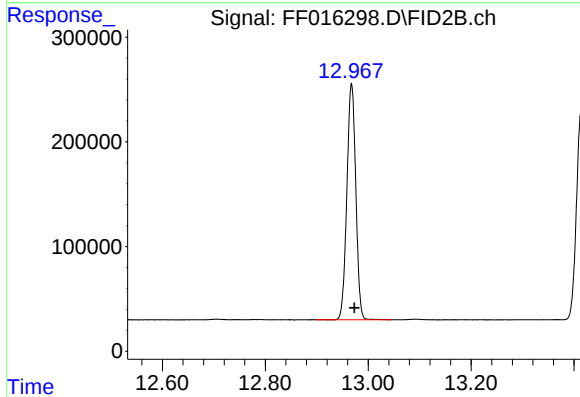
#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 2744718
Conc: 21.19 ug/ml m



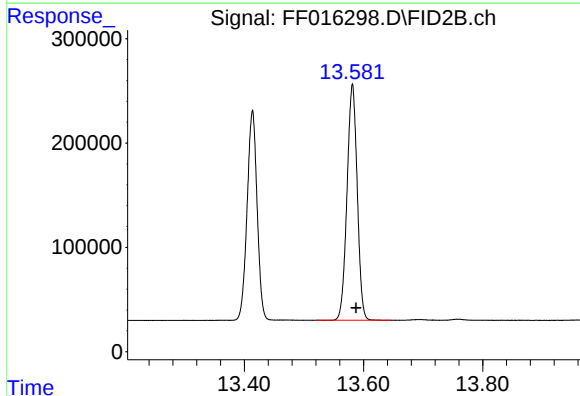
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 3074430
Conc: 21.26 ug/ml



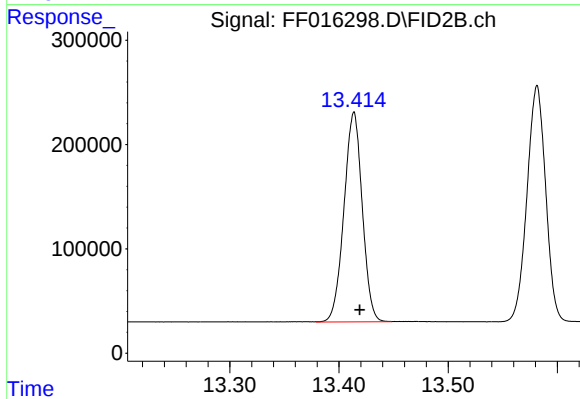
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.006 min
Response: 2712193
Conc: 21.21 ug/ml



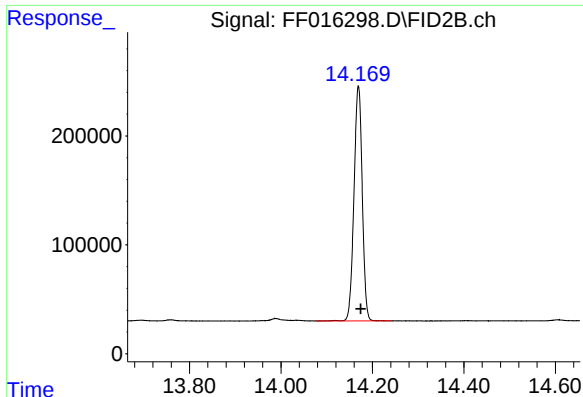
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: -0.006 min
Response: 2689910
Conc: 21.19 ug/ml



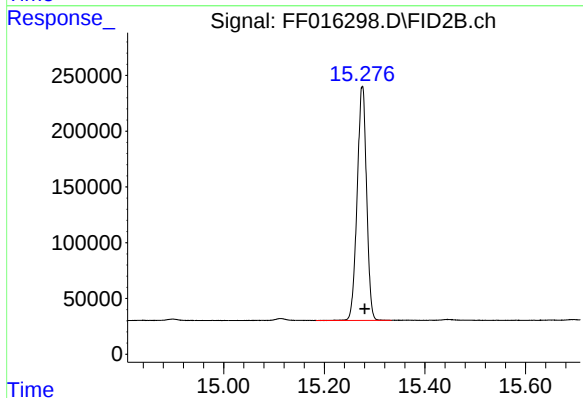
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: -0.005 min
Response: 2339718
Conc: 20.98 ug/ml m



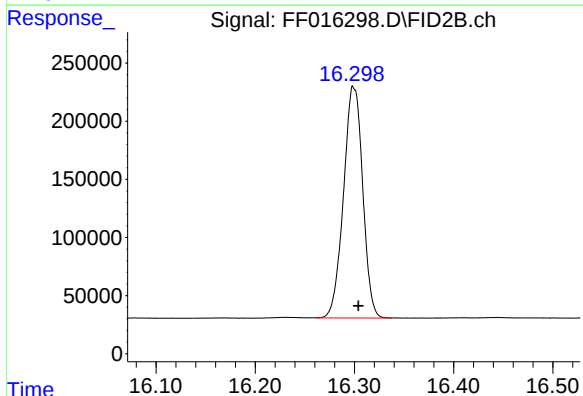
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: -0.005 min
Response: 2704437
Conc: 21.30 ug/ml



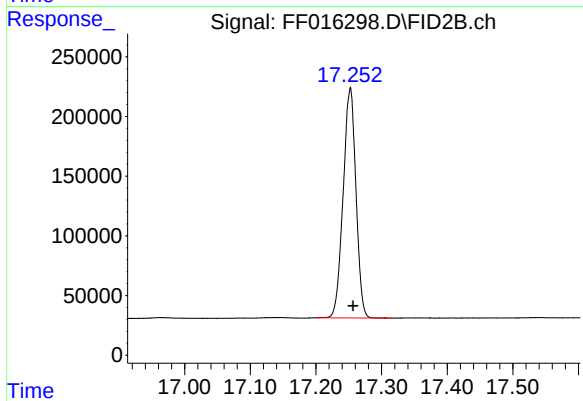
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.005 min
Response: 2728898
Conc: 21.33 ug/ml



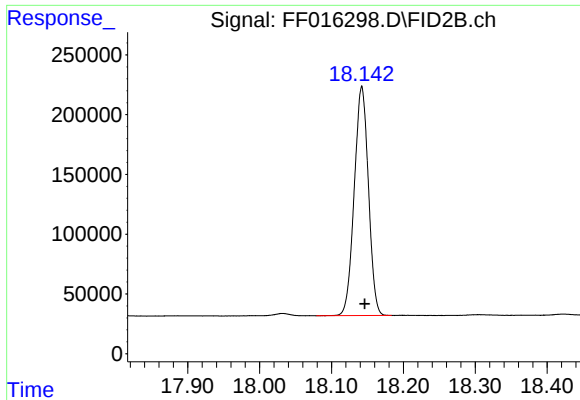
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: -0.006 min
Response: 2678769
Conc: 21.43 ug/ml m



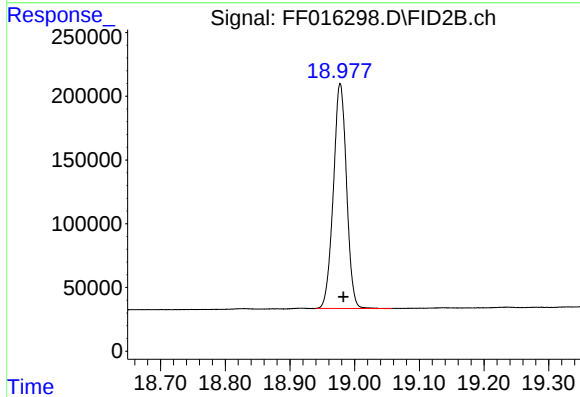
#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: -0.004 min
Response: 2610227
Conc: 21.30 ug/ml



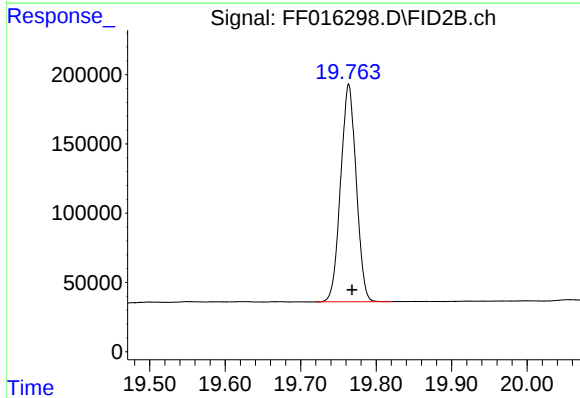
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: -0.004 min
Response: 2621860
Conc: 21.05 ug/ml



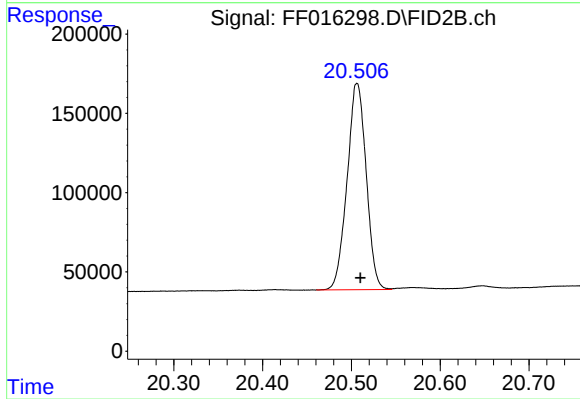
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: -0.005 min
Response: 2498350
Conc: 20.73 ug/ml



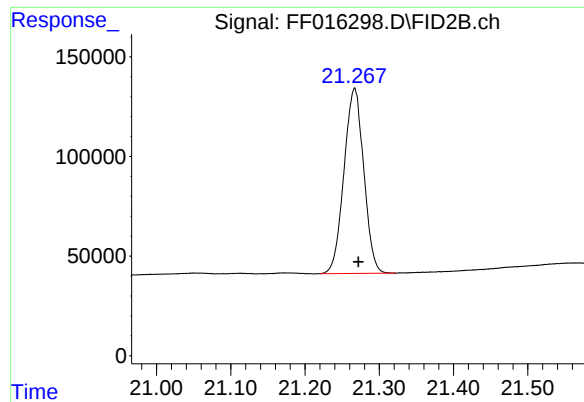
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.005 min
Response: 2255582
Conc: 20.68 ug/ml



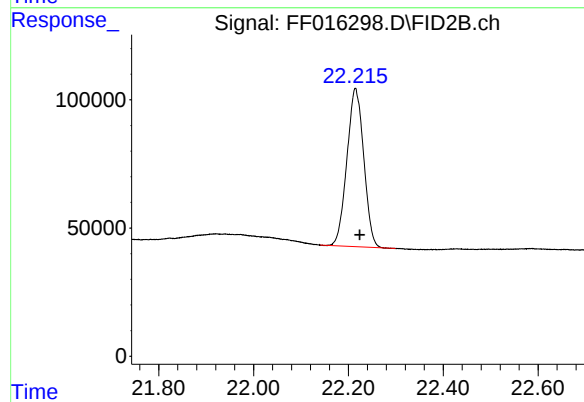
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.004 min
Response: 1945121
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.005 min
Response: 1716111
Conc: 20.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: -0.010 min
Response: 1517864
Conc: 19.33 ug/ml