

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090225AL\
 Data File : FF016310.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 03:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 03 04:13:26 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	3246882	22.449 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
12) S 1-chlorooctadecane (S...	13.415	2506793	22.474 ug/mlm
Spiked Amount 50.000		Recovery =	44.95%
Target Compounds			
1) T n-Nonane (C9)	3.331	2601542	22.252 ug/ml
2) T n-Decane (C10)	4.593	2681999	22.643 ug/ml
3) T A~Naphthalene (C11.7)	6.302	2956008	22.633 ug/ml
4) T n-Dodecane (C12)	6.770	2717924	22.643 ug/ml
5) T A~2-methylnaphthalene...	7.401	2880799	22.626 ug/ml
6) T n-Tetradecane (C14)	8.602	2715648	22.536 ug/ml
7) T n-Hexadecane (C16)	10.212	2830179	22.662 ug/mlm
8) T n-Octadecane (C18)	11.658	2897284	22.367 ug/ml
10) T n-Eicosane (C20)	12.970	2872860	22.467 ug/ml
11) T n-Heneicosane (C21)	13.583	2846227	22.417 ug/ml
13) T n-Docosane (C22)	14.171	2864662	22.563 ug/ml
14) T n-Tetracosane (C24)	15.276	2895959	22.639 ug/ml
15) T n-Hexacosane (C26)	16.300	2855944	22.846 ug/mlm
16) T n-Octacosane (C28)	17.253	2795152	22.813 ug/ml
17) T n-Tricontane (C30)	18.143	2821016	22.651 ug/ml
18) T n-Dotriacontane (C32)	18.978	2690644	22.324 ug/ml
19) T n-Tetratriacontane (C34)	19.763	2440312	22.378 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2098077	22.480 ug/ml
21) T n-Octatriacontane (C38)	21.265	1879656	22.350 ug/ml
22) T n-Tetracontane (C40)	22.212	1764857	22.480 ug/ml

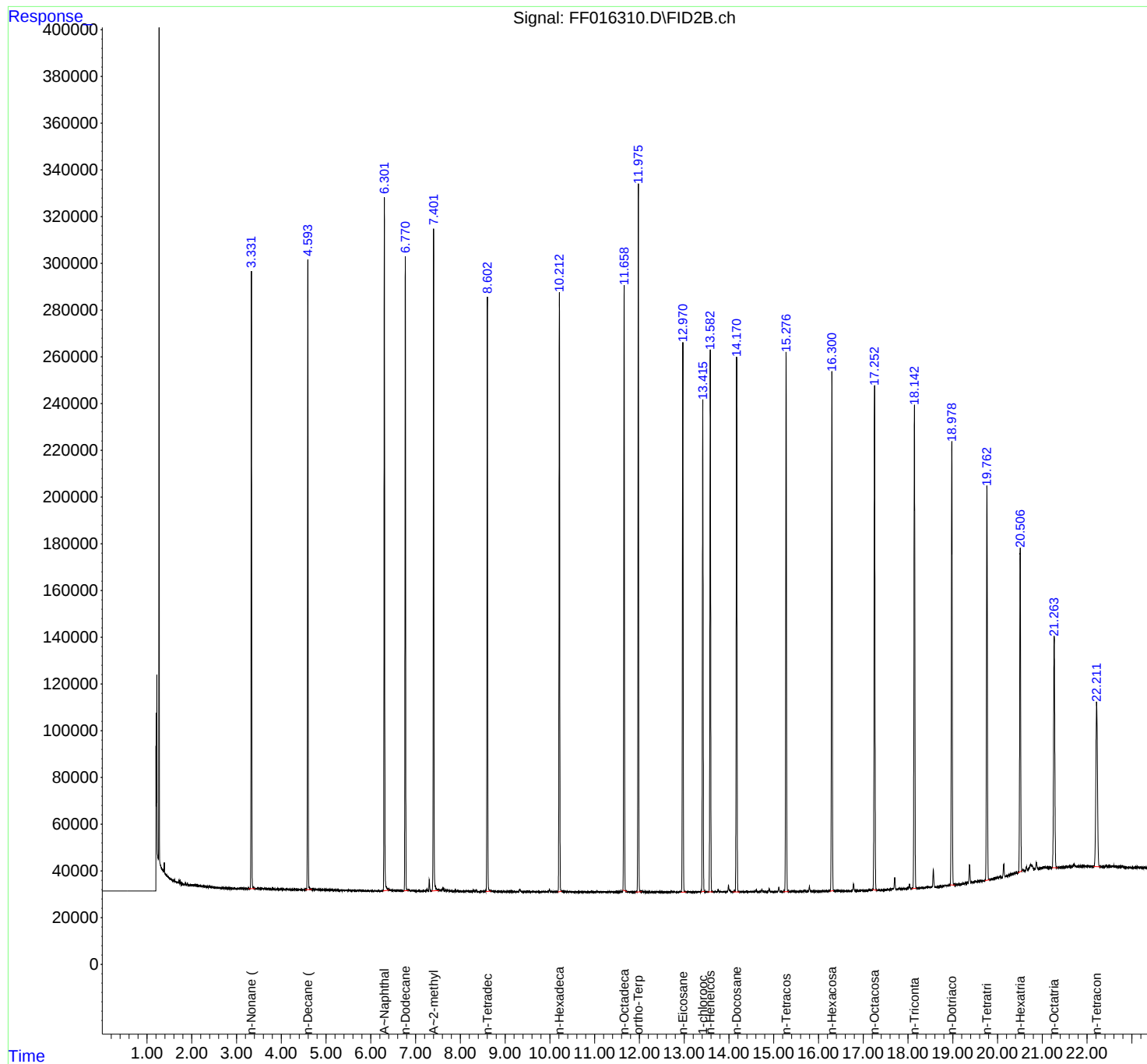
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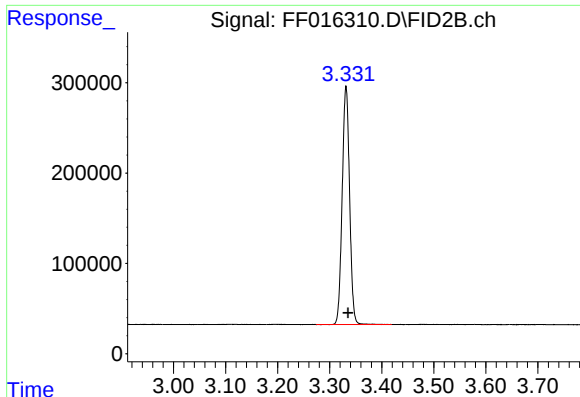
(m)=manual int.

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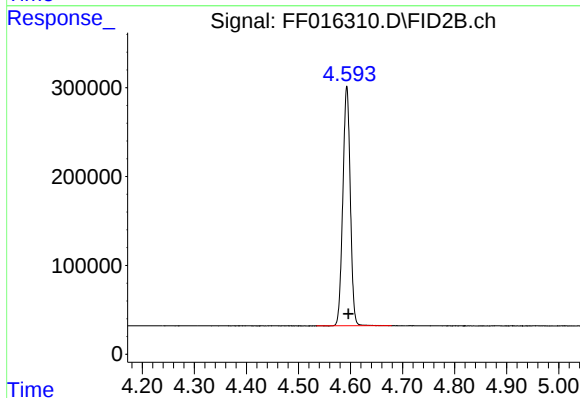
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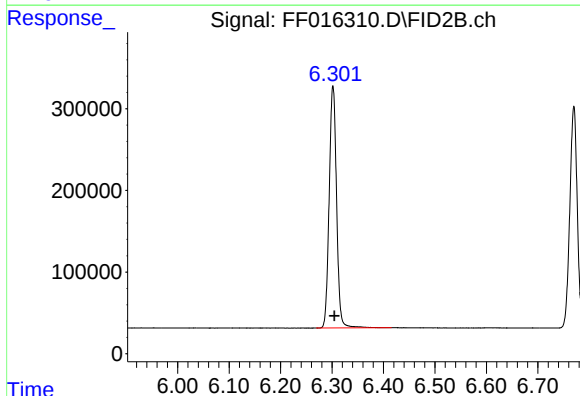
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 2601542
Conc: 22.25 ug/ml



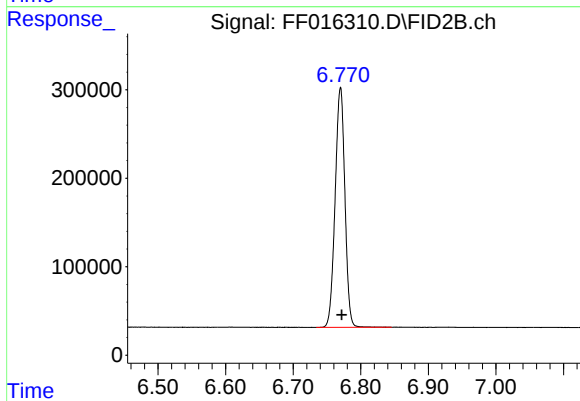
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 2681999
Conc: 22.64 ug/ml



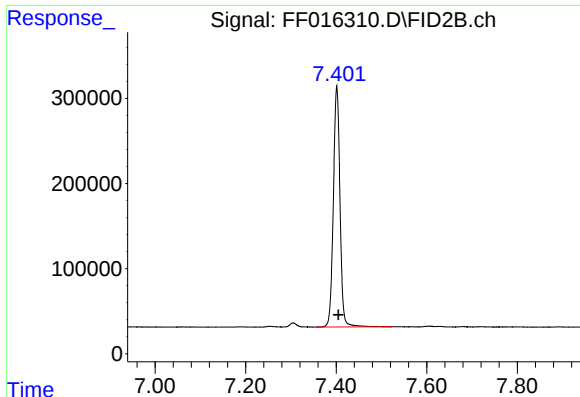
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 2956008
Conc: 22.63 ug/ml



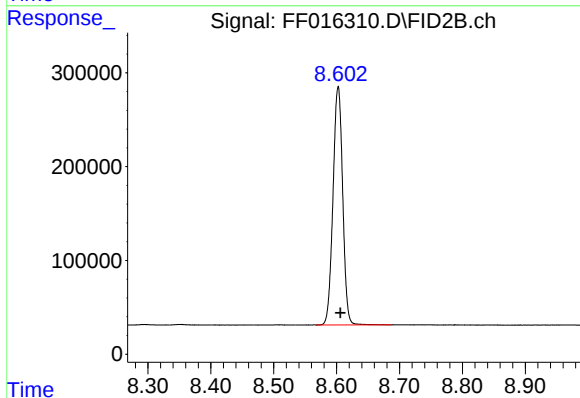
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2717924
Conc: 22.64 ug/ml



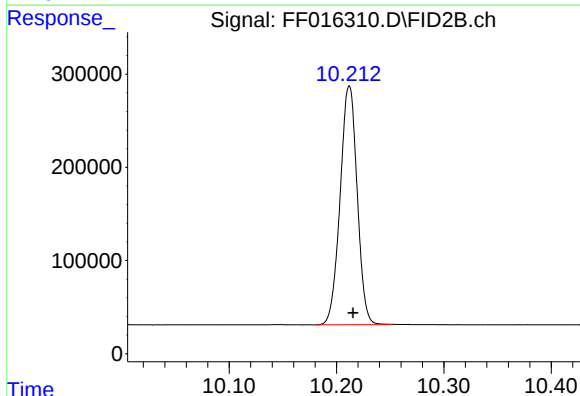
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 2880799
Conc: 22.63 ug/ml



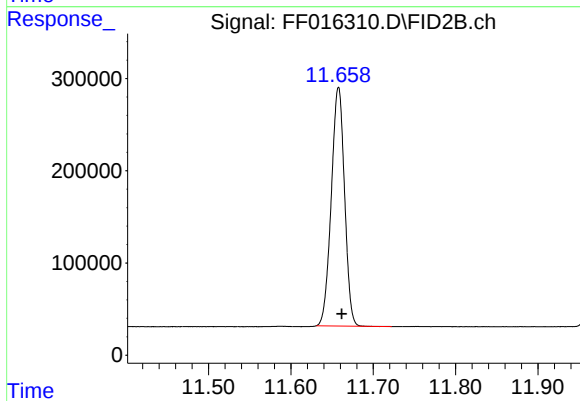
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.004 min
Response: 2715648
Conc: 22.54 ug/ml



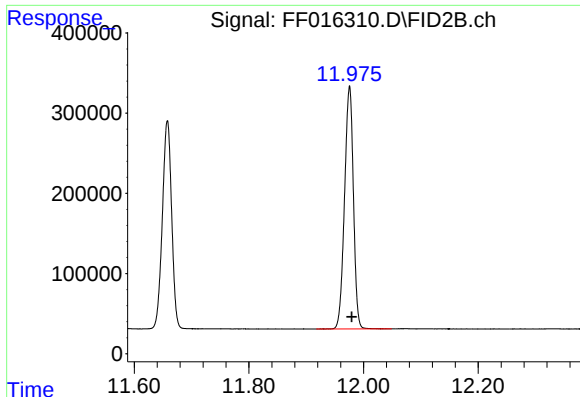
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.004 min
Response: 2830179
Conc: 22.66 ug/ml m



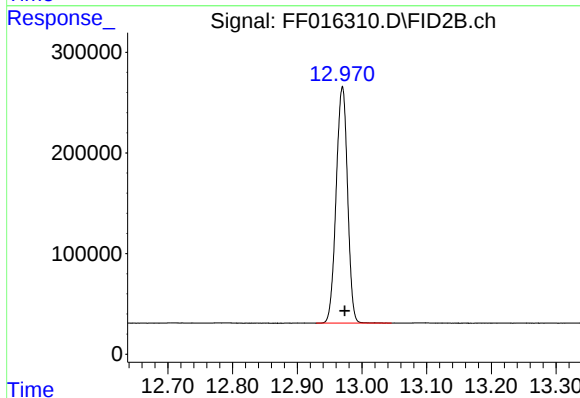
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 2897284
Conc: 22.37 ug/ml



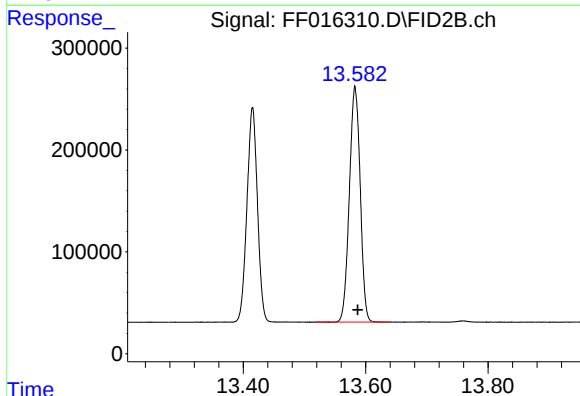
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.004 min
Response: 3246882
Conc: 22.45 ug/ml



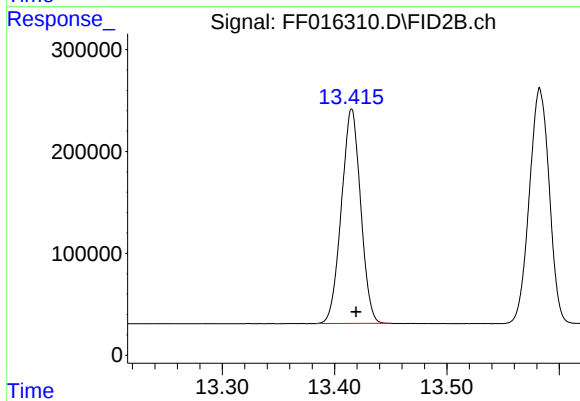
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 2872860
Conc: 22.47 ug/ml



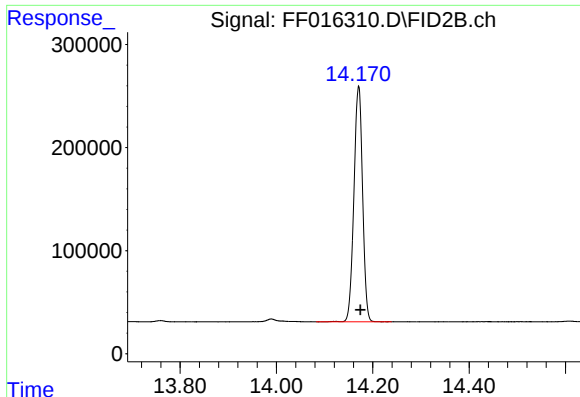
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: -0.005 min
Response: 2846227
Conc: 22.42 ug/ml



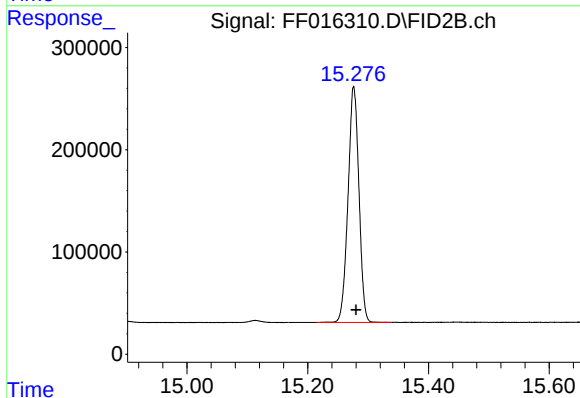
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: -0.004 min
Response: 2506793
Conc: 22.47 ug/ml m



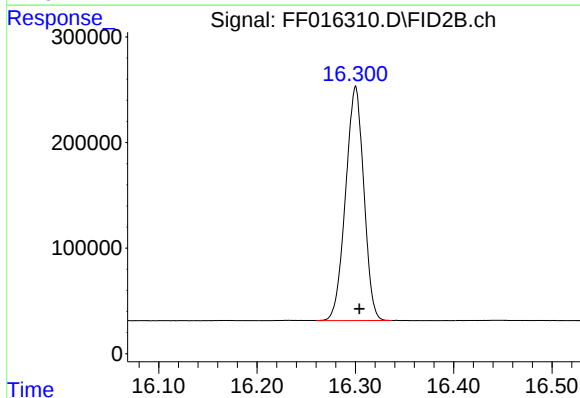
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: -0.004 min
Response: 2864662
Conc: 22.56 ug/ml



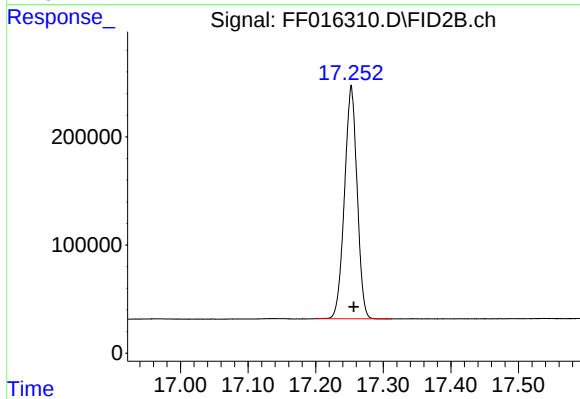
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.004 min
Response: 2895959
Conc: 22.64 ug/ml



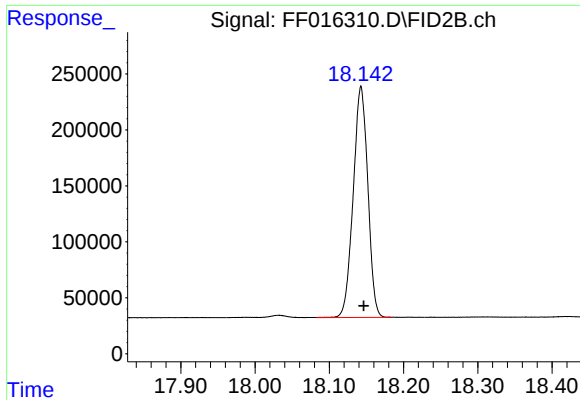
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.004 min
Response: 2855944
Conc: 22.85 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.004 min
Response: 2795152
Conc: 22.81 ug/ml



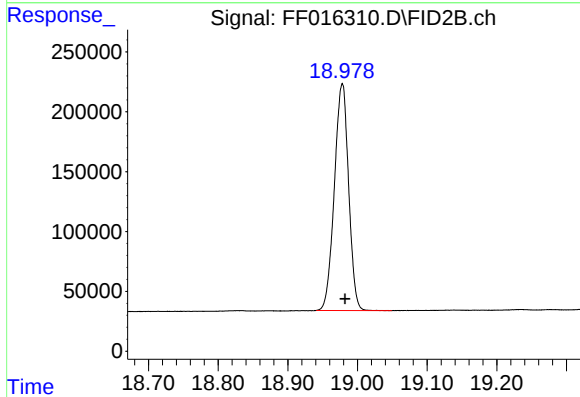
#17 n-Tricontane (C30)

R.T.: 18.143 min

Delta R.T.: -0.004 min

Response: 2821016

Conc: 22.65 ug/ml



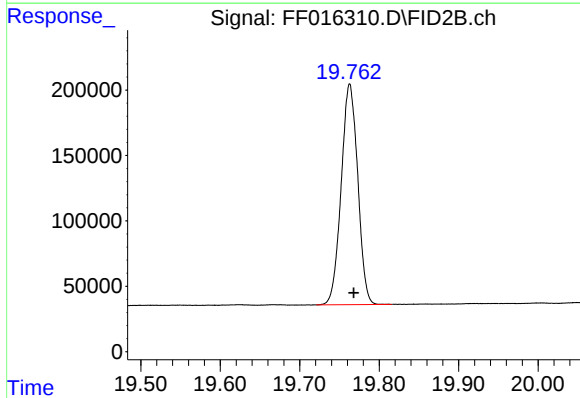
#18 n-Dotriacontane (C32)

R.T.: 18.978 min

Delta R.T.: -0.005 min

Response: 2690644

Conc: 22.32 ug/ml



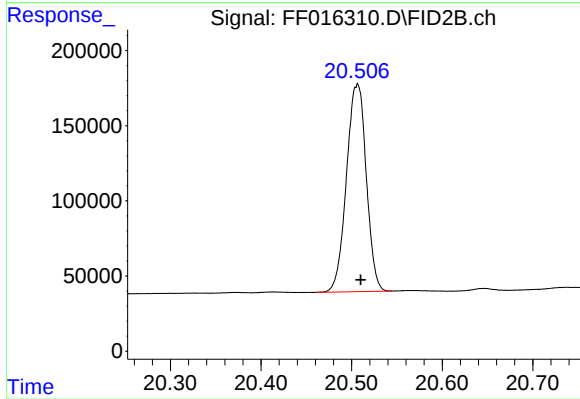
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min

Delta R.T.: -0.005 min

Response: 2440312

Conc: 22.38 ug/ml



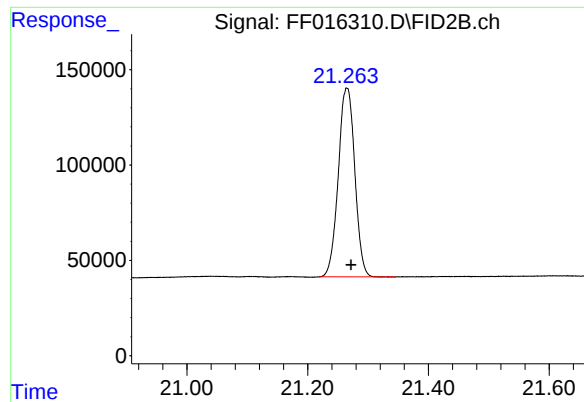
#20 n-Hexatriacontane (C36)

R.T.: 20.506 min

Delta R.T.: -0.004 min

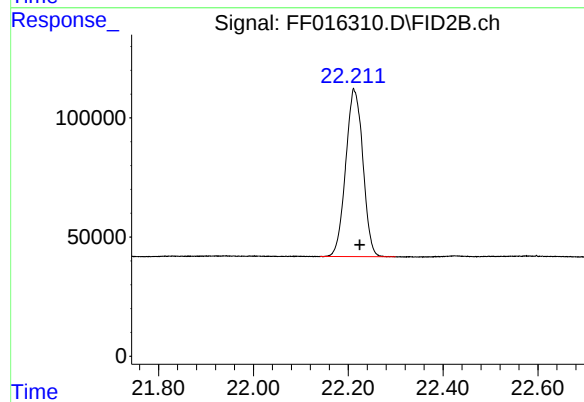
Response: 2098077

Conc: 22.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.265 min
Delta R.T.: -0.007 min
Response: 1879656
Conc: 22.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: -0.012 min
Response: 1764857
Conc: 22.48 ug/ml