

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091025AL\
 Data File : FF016361.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2025 09:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 03:40:38 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)	11.970	2888948	19.975 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
12) S 1-chlorooctadecane (S...	13.410	2160533	19.369 ug/mlm
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.327	2327880	19.911 ug/ml
2) T n-Decane (C10)	4.588	2364794	19.965 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2612564	20.004 ug/ml
4) T n-Dodecane (C12)	6.765	2412430	20.098 ug/ml
5) T A~2-methylnaphthalene...	7.396	2536286	19.920 ug/ml
6) T n-Tetradecane (C14)	8.598	2409187	19.993 ug/ml
7) T n-Hexadecane (C16)	10.206	2497447	19.998 ug/mlm
8) T n-Octadecane (C18)	11.652	2582921	19.940 ug/mlm
10) T n-Eicosane (C20)	12.964	2555407	19.984 ug/ml
11) T n-Heneicosane (C21)	13.578	2527230	19.905 ug/ml
13) T n-Docosane (C22)	14.165	2553864	20.115 ug/ml
14) T n-Tetracosane (C24)	15.270	2599905	20.325 ug/ml
15) T n-Hexacosane (C26)	16.294	2546303	20.369 ug/mlm
16) T n-Octacosane (C28)	17.246	2486645	20.295 ug/ml
17) T n-Tricontane (C30)	18.136	2503706	20.103 ug/ml
18) T n-Dotriacontane (C32)	18.971	2392863	19.853 ug/mlm
19) T n-Tetratriacontane (C34)	19.756	2118351	19.426 ug/ml
20) T n-Hexatriacontane (C36)	20.499	1705671	18.275 ug/ml
21) T n-Octatriacontane (C38)	21.258	1397105	16.612 ug/mlm
22) T n-Tetracontane (C40)	22.205	1122782	14.302 ug/ml

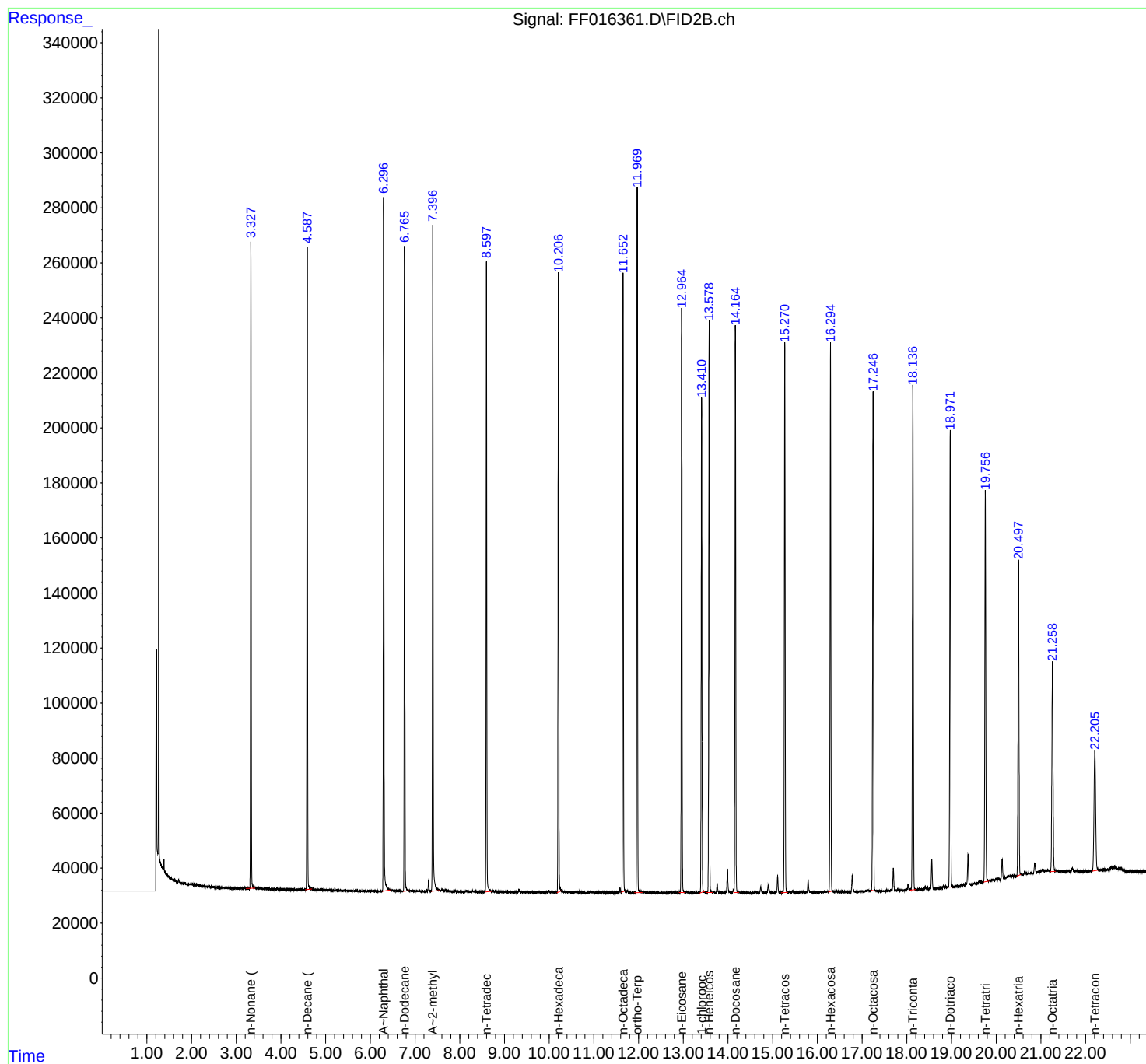
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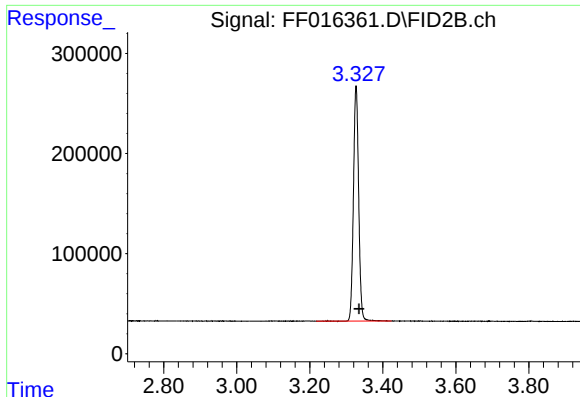
(m)=manual int.

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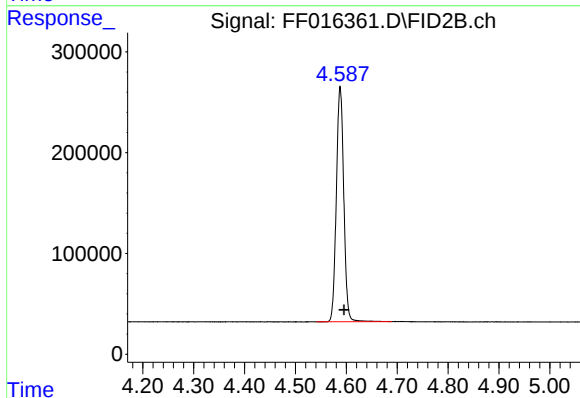
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





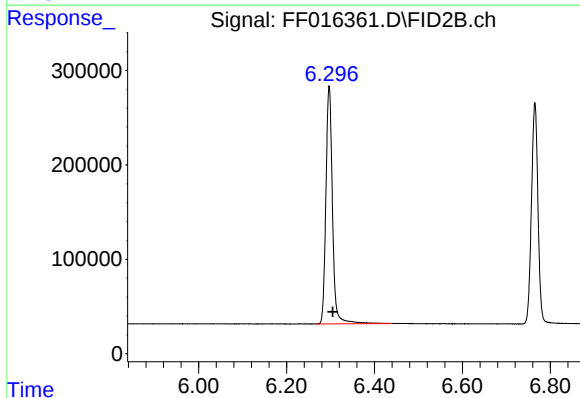
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 2327880
Conc: 19.91 ug/ml



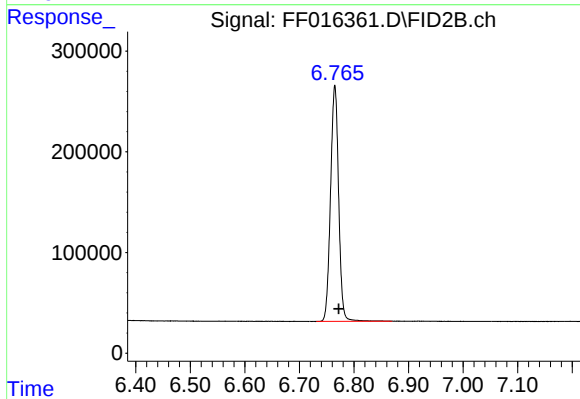
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.008 min
Response: 2364794
Conc: 19.96 ug/ml



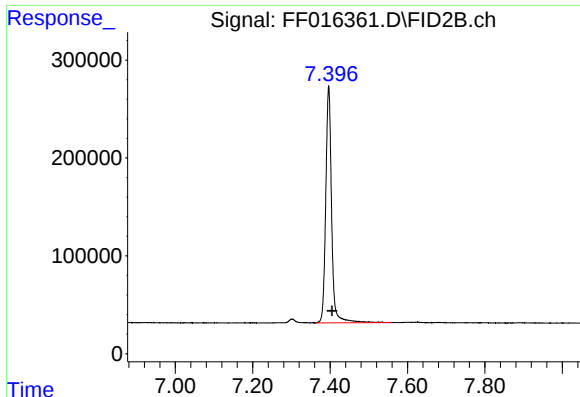
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2612564
Conc: 20.00 ug/ml



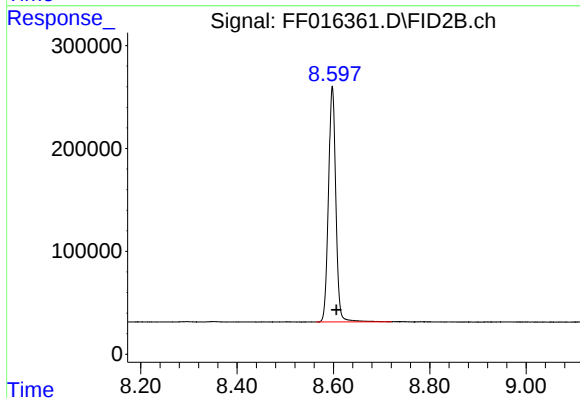
#4 n-Dodecane (C12)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 2412430
Conc: 20.10 ug/ml



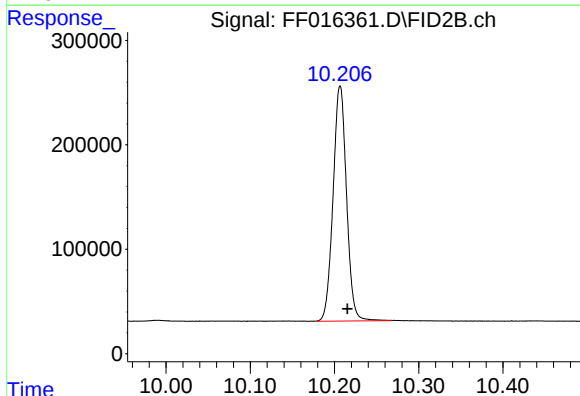
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 2536286
Conc: 19.92 ug/ml



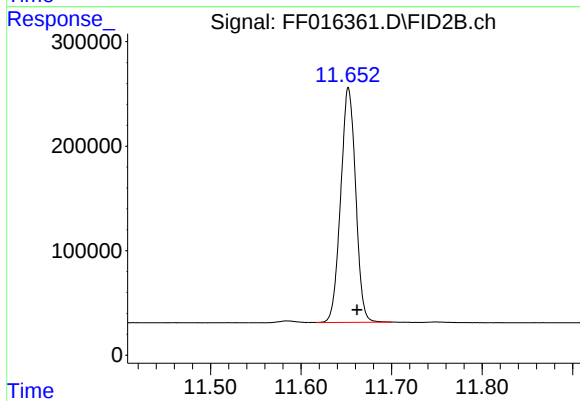
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.008 min
Response: 2409187
Conc: 19.99 ug/ml



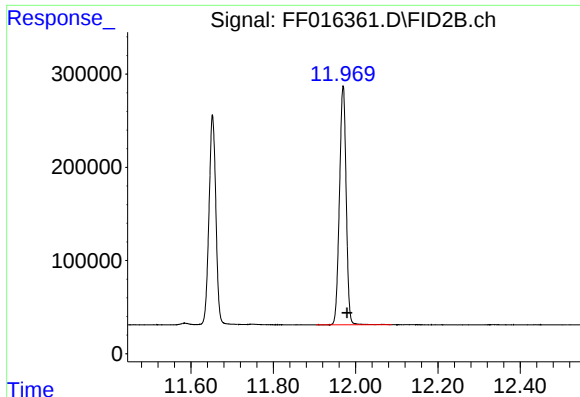
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.009 min
Response: 2497447
Conc: 20.00 ug/ml m



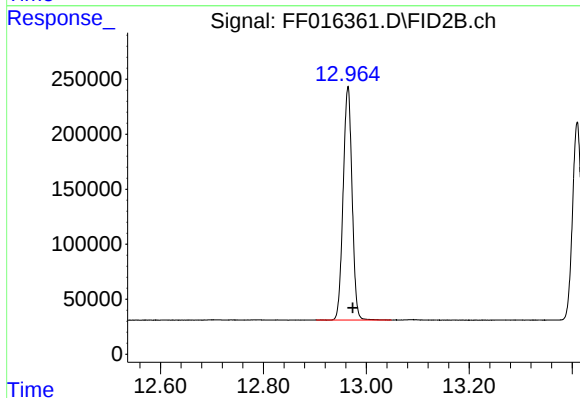
#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.010 min
Response: 2582921
Conc: 19.94 ug/ml m



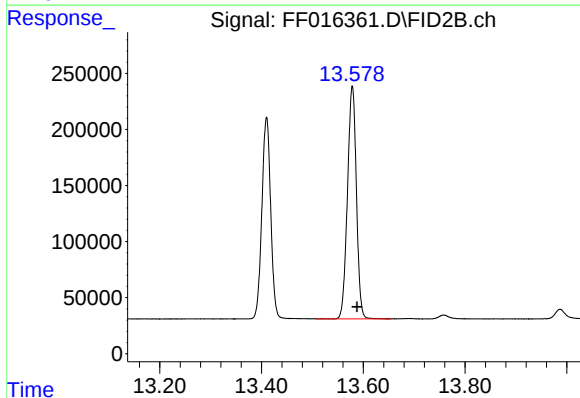
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.010 min
Response: 2888948
Conc: 19.97 ug/ml



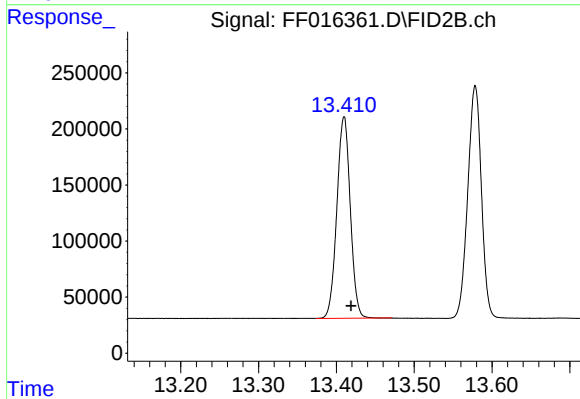
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.009 min
Response: 2555407
Conc: 19.98 ug/ml



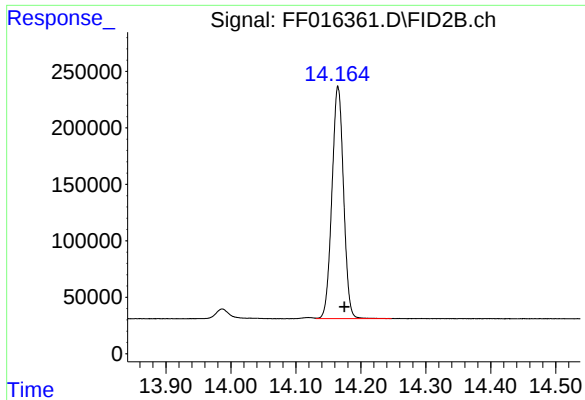
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.009 min
Response: 2527230
Conc: 19.90 ug/ml



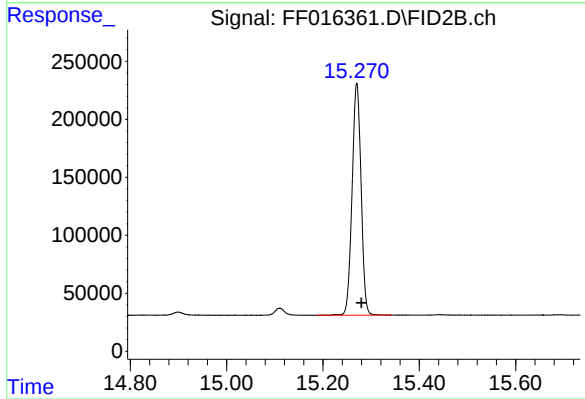
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.009 min
Response: 2160533
Conc: 19.37 ug/ml m



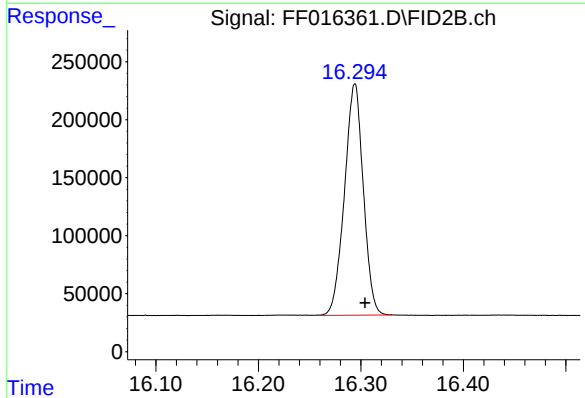
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.010 min
Response: 2553864
Conc: 20.11 ug/ml



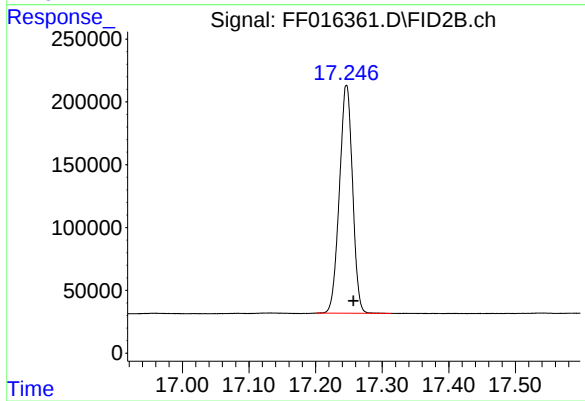
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.010 min
Response: 2599905
Conc: 20.32 ug/ml



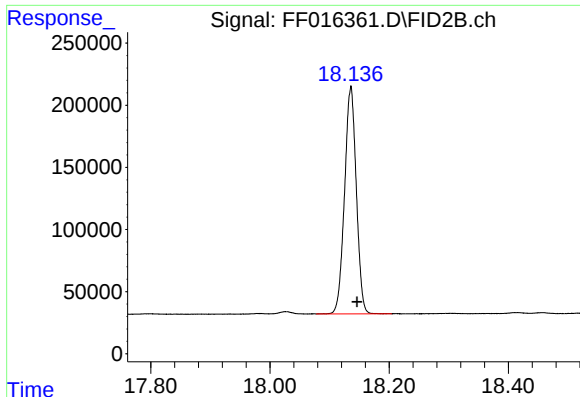
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 2546303
Conc: 20.37 ug/ml m



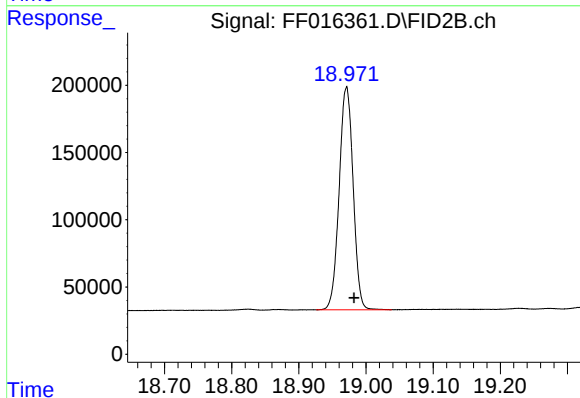
#16 n-Octacosane (C28)

R.T.: 17.246 min
Delta R.T.: -0.010 min
Response: 2486645
Conc: 20.30 ug/ml



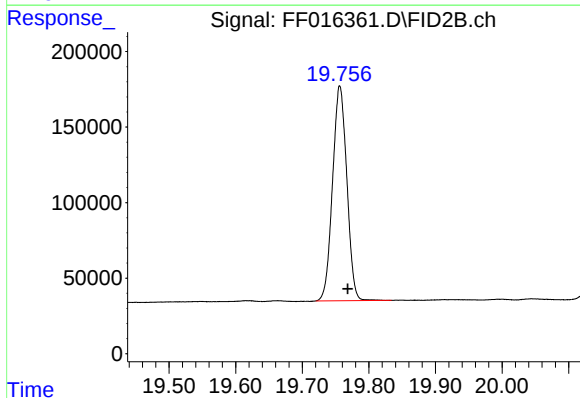
#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: -0.011 min
Response: 2503706
Conc: 20.10 ug/ml



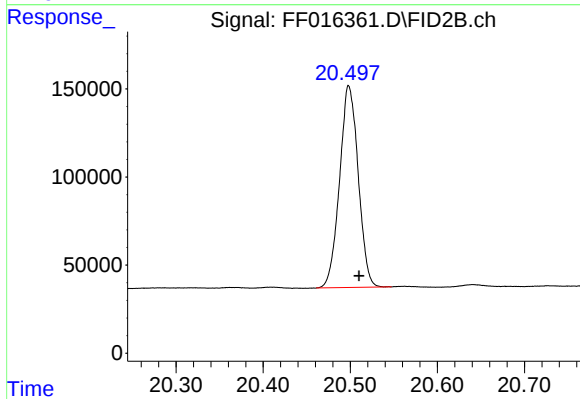
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: -0.011 min
Response: 2392863
Conc: 19.85 ug/ml m



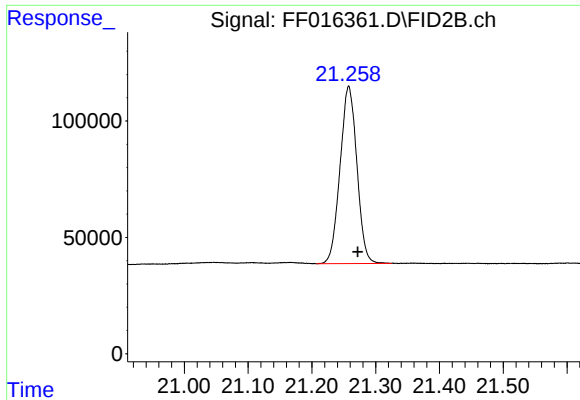
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: -0.012 min
Response: 2118351
Conc: 19.43 ug/ml



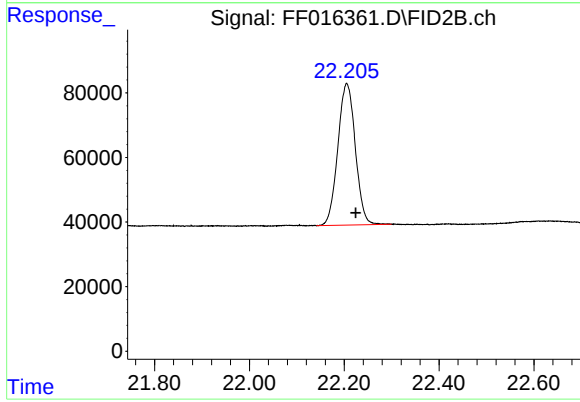
#20 n-Hexatriacontane (C36)

R.T.: 20.499 min
Delta R.T.: -0.011 min
Response: 1705671
Conc: 18.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.014 min
Response: 1397105
Conc: 16.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: -0.019 min
Response: 1122782
Conc: 14.30 ug/ml