

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041024AL\
 Data File : FE047557.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2024 17:05
 Operator : YP\AJ
 Sample : P2038-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 01:28:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.993	4641972	26.763 ug/ml
Spiked Amount 50.000		Recovery =	53.53%
12) S 1-chlorooctadecane (S...	13.417	5649933	42.008 ug/ml
Spiked Amount 50.000		Recovery =	84.02%
Target Compounds			
1) T n-Nonane (C9)	3.367	3365183	21.510 ug/ml
2) T n-Decane (C10)	4.620	4023660	25.035 ug/ml
3) T A~Naphthalene (C11.7)	6.330	4592508	27.086 ug/ml
4) T n-Dodecane (C12)	6.787	4834885	29.788 ug/ml
5) T A~2-methylnaphthalene...	7.427	4974895	30.294 ug/ml
6) T n-Tetradecane (C14)	8.619	5679342	35.303 ug/ml
7) T n-Hexadecane (C16)	10.227	6251184	37.640 ug/ml
8) T n-Octadecane (C18)	11.672	6522642	38.895 ug/ml
10) T n-Eicosane (C20)	12.983	6608153	40.790 ug/ml
11) T n-Heneicosane (C21)	13.596	6434019	40.549 ug/ml
13) T n-Docosane (C22)	14.181	6390467	39.821 ug/ml
14) T n-Tetracosane (C24)	15.283	11221592	67.983 ug/ml
15) T n-Hexacosane (C26)	16.308	6319772	38.233 ug/ml
16) T n-Octacosane (C28)	17.260	7471316	45.085 ug/ml
17) T n-Tricontane (C30)	18.152	7535626	44.386 ug/ml
18) T n-Dotriacontane (C32)	18.986	6637582	39.805 ug/mlm
19) T n-Tetratriacontane (C34)	19.772	6955383	43.366 ug/mlm
20) T n-Hexatriacontane (C36)	20.518	7451556	46.719 ug/mlm
21) T n-Octatriacontane (C38)	21.272f	6677821	41.088 ug/mlm
22) T n-Tetracontane (C40)	22.218f	6254429	38.201 ug/mlm

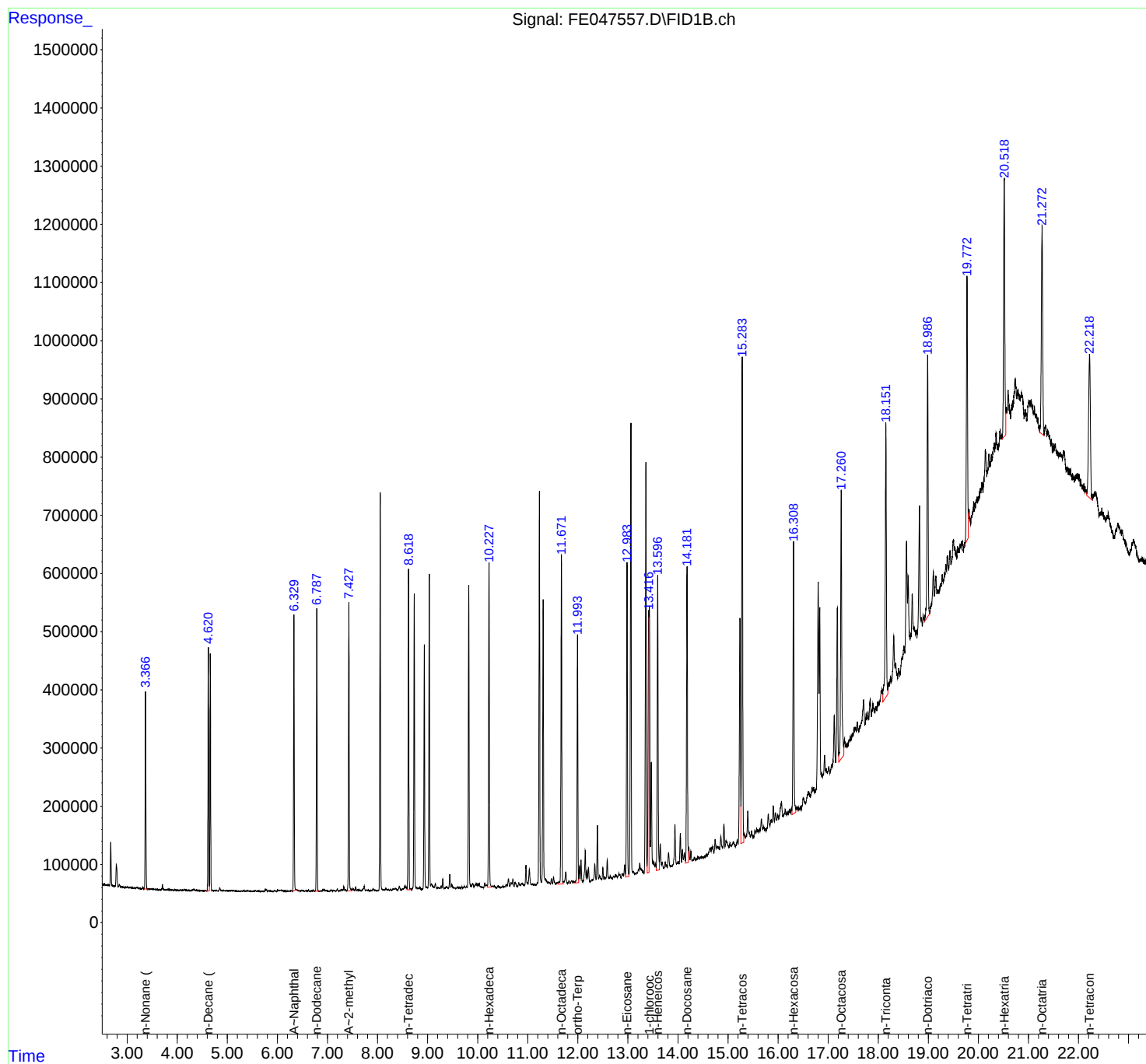
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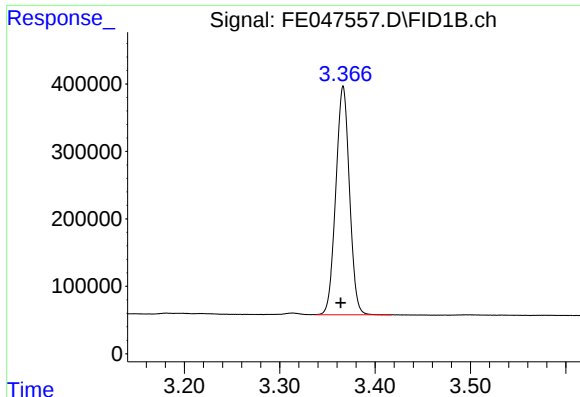
(m)=manual int.

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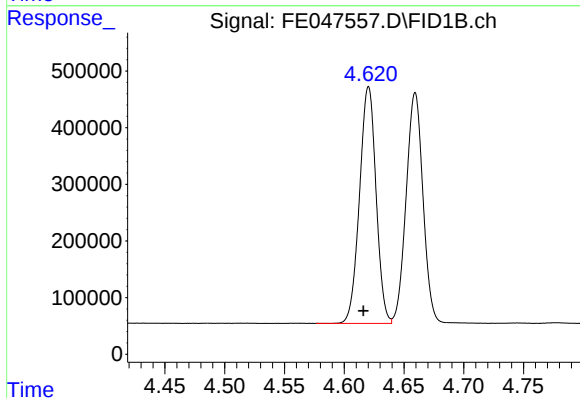
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





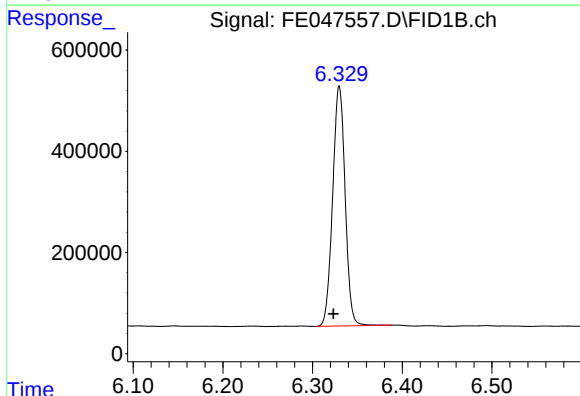
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 3365183
Conc: 21.51 ug/ml



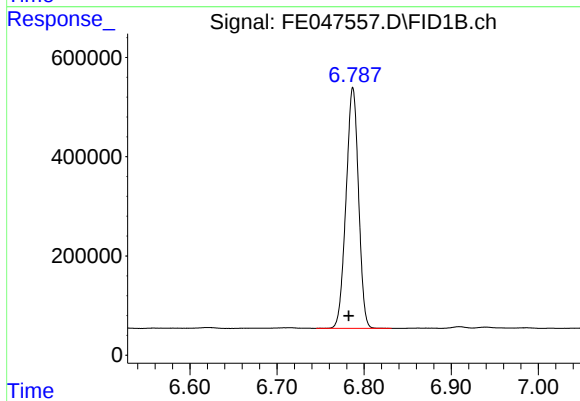
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.004 min
Response: 4023660
Conc: 25.04 ug/ml



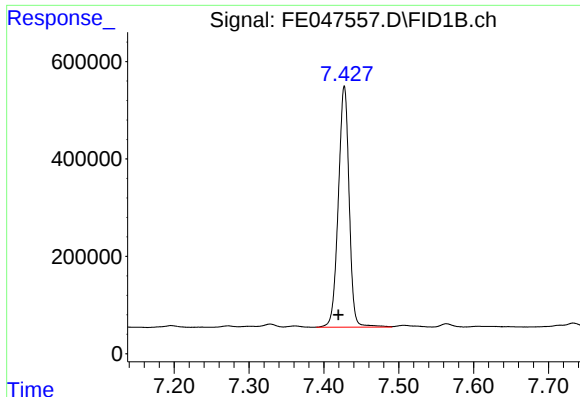
#3 A~Naphthalene (C11.7)

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 4592508
Conc: 27.09 ug/ml



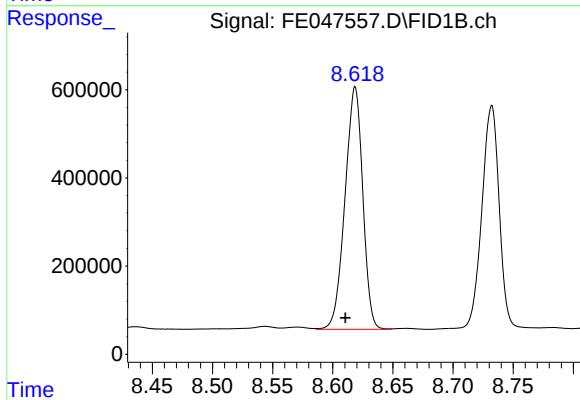
#4 n-Dodecane (C12)

R.T.: 6.787 min
Delta R.T.: 0.005 min
Response: 4834885
Conc: 29.79 ug/ml



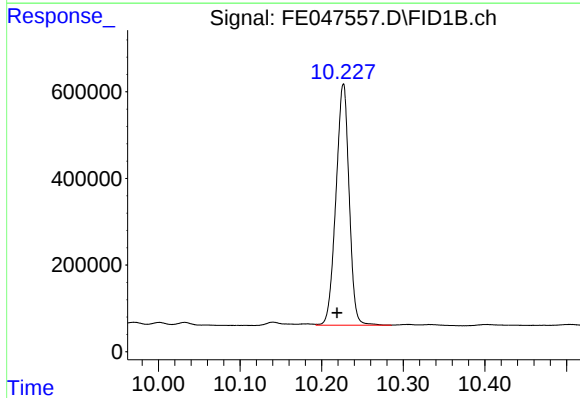
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.427 min
Delta R.T.: 0.008 min
Response: 4974895
Conc: 30.29 ug/ml



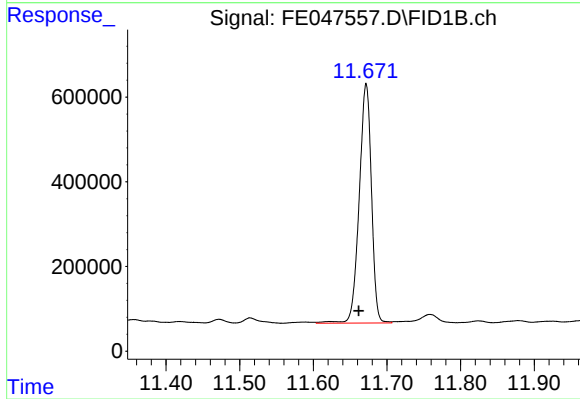
#6 n-Tetradecane (C14)

R.T.: 8.619 min
Delta R.T.: 0.008 min
Response: 5679342
Conc: 35.30 ug/ml



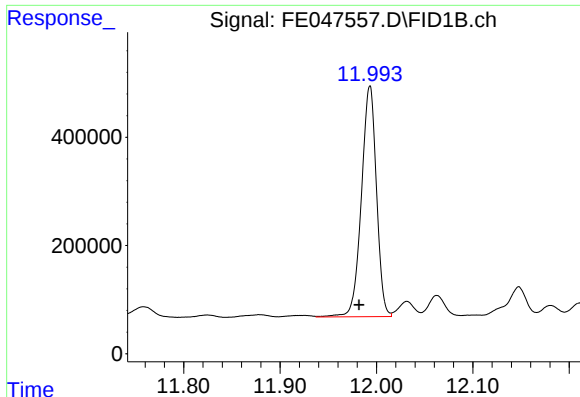
#7 n-Hexadecane (C16)

R.T.: 10.227 min
Delta R.T.: 0.008 min
Response: 6251184
Conc: 37.64 ug/ml



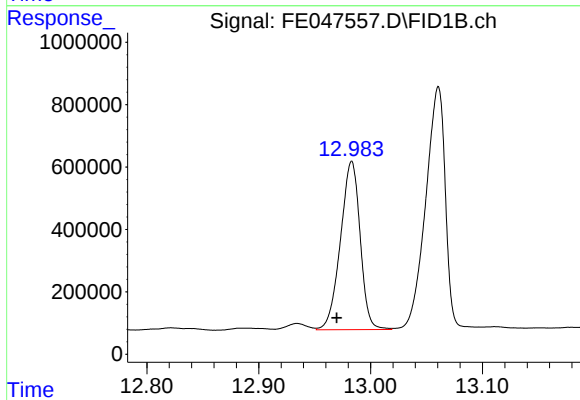
#8 n-Octadecane (C18)

R.T.: 11.672 min
Delta R.T.: 0.010 min
Response: 6522642
Conc: 38.90 ug/ml



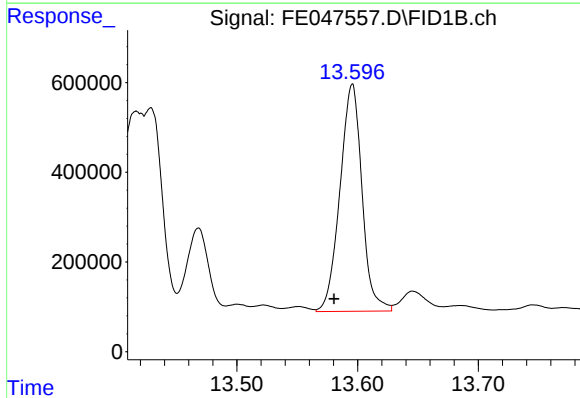
#9 ortho-Terphenyl (SURR)

R.T.: 11.993 min
Delta R.T.: 0.011 min
Response: 4641972
Conc: 26.76 ug/ml



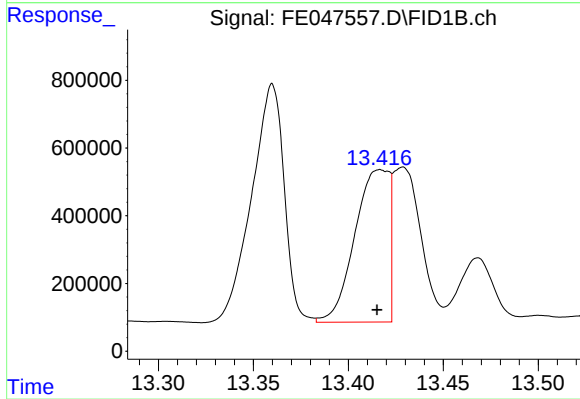
#10 n-Eicosane (C20)

R.T.: 12.983 min
Delta R.T.: 0.014 min
Response: 6608153
Conc: 40.79 ug/ml



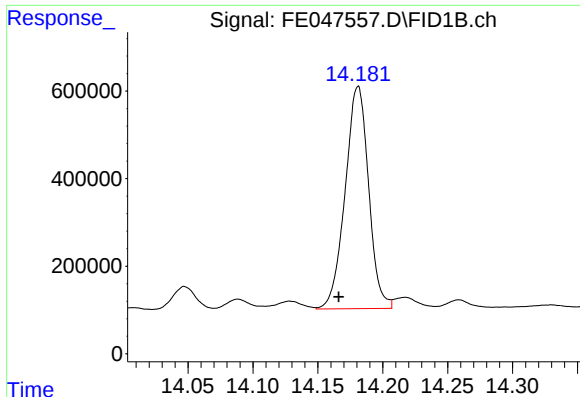
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: 0.015 min
Response: 6434019
Conc: 40.55 ug/ml



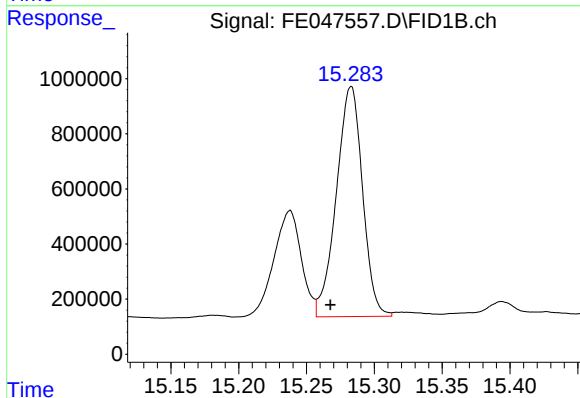
#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.002 min
Response: 5649933
Conc: 42.01 ug/ml



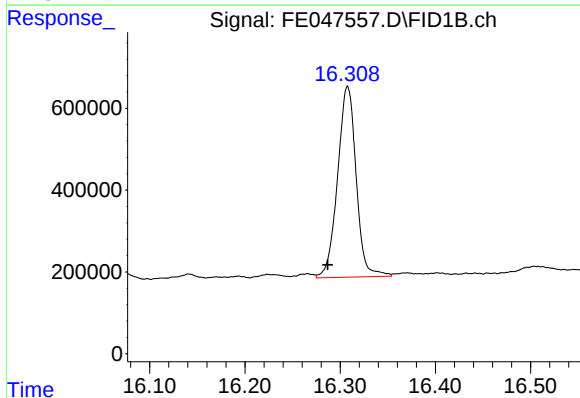
#13 n-Docosane (C22)

R.T.: 14.181 min
Delta R.T.: 0.015 min
Response: 6390467
Conc: 39.82 ug/ml



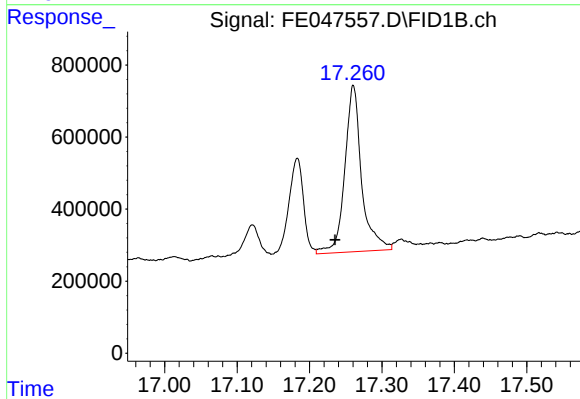
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.015 min
Response: 11221592
Conc: 67.98 ug/ml



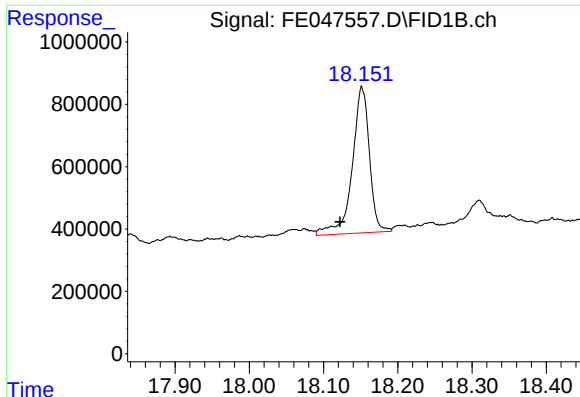
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.021 min
Response: 6319772
Conc: 38.23 ug/ml



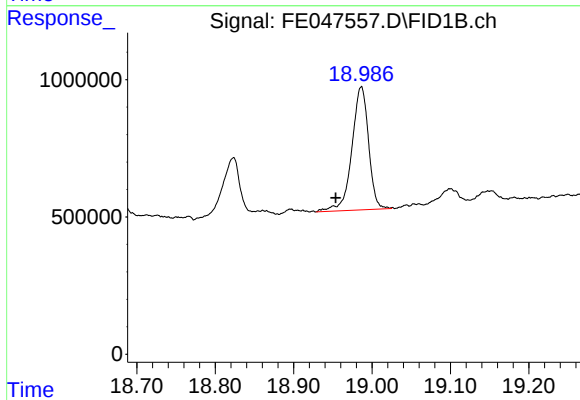
#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.025 min
Response: 7471316
Conc: 45.08 ug/ml



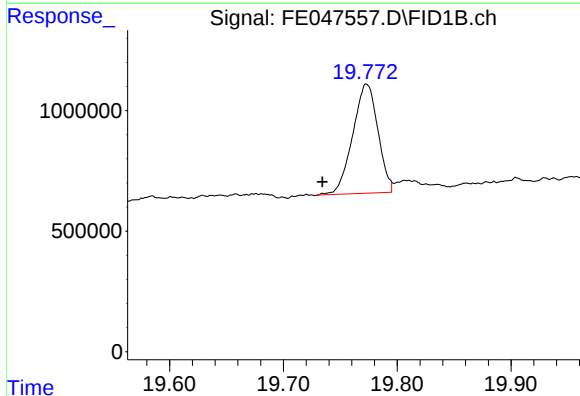
#17 n-Tricontane (C30)

R.T.: 18.152 min
Delta R.T.: 0.029 min
Response: 7535626
Conc: 44.39 ug/ml



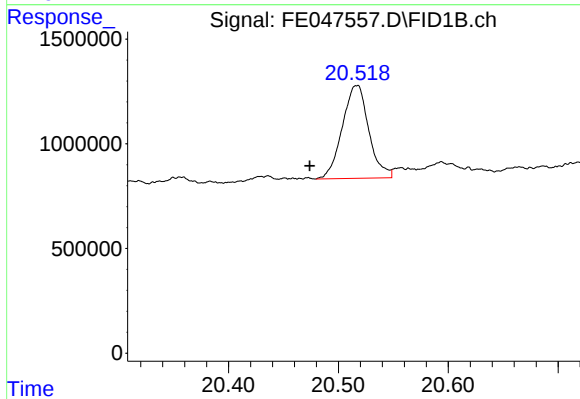
#18 n-Dotriacontane (C32)

R.T.: 18.986 min
Delta R.T.: 0.033 min
Response: 6637582
Conc: 39.81 ug/ml m



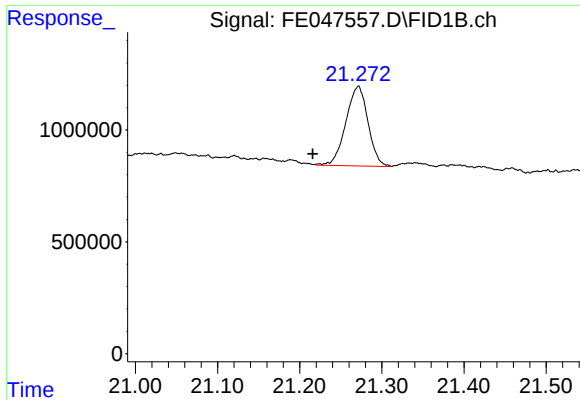
#19 n-Tetratriacontane (C34)

R.T.: 19.772 min
Delta R.T.: 0.038 min
Response: 6955383
Conc: 43.37 ug/ml m



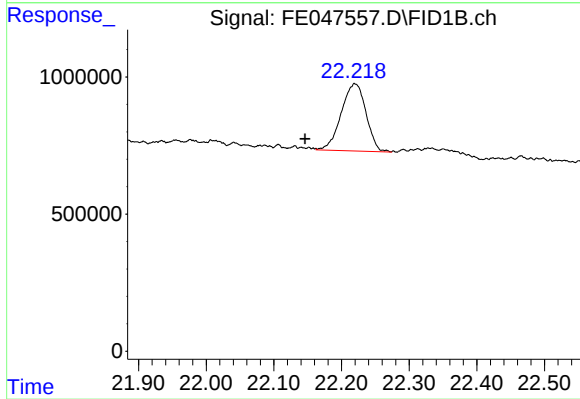
#20 n-Hexatriacontane (C36)

R.T.: 20.518 min
Delta R.T.: 0.044 min
Response: 7451556
Conc: 46.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.056 min
Response: 6677821
Conc: 41.09 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.218 min
Delta R.T.: 0.072 min
Response: 6254429
Conc: 38.20 ug/ml m