

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031324AL\
 Data File : FE047170.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2024 18:40
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:48:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 Qlast Update : Thu Mar 14 01:47:53 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)	11.978	7601025	47.758 ug/ml
Spiked Amount 50.000		Recovery =	95.52%
12) S 1-chlorooctadecane (S...	13.410	5890445	47.725 ug/ml
Spiked Amount 50.000		Recovery =	95.45%
Target Compounds			
1) T n-Nonane (C9)	3.365	6937426	48.039 ug/ml
2) T n-Decane (C10)	4.616	7067979	47.952 ug/ml
3) T A~Naphthalene (C11.7)	6.319	7409660	48.051 ug/ml
4) T n-Dodecane (C12)	6.781	7087629	47.833 ug/ml
5) T A~2-methylnaphthalene...	7.415	7108308	47.895 ug/ml
6) T n-Tetradecane (C14)	8.608	7011322	47.776 ug/ml
7) T n-Hexadecane (C16)	10.216	7238537	47.729 ug/ml
8) T n-Octadecane (C18)	11.658	7325727	47.738 ug/ml
10) T n-Eicosane (C20)	12.966	7067812	47.668 ug/ml
11) T n-Heneicosane (C21)	13.577	6962528	47.694 ug/ml
13) T n-Docosane (C22)	14.164	6925379	47.661 ug/ml
14) T n-Tetracosane (C24)	15.263	6865232	47.498 ug/ml
15) T n-Hexacosane (C26)	16.282	6695003	47.440 ug/ml
16) T n-Octacosane (C28)	17.229	6482244	47.229 ug/ml
17) T n-Tricontane (C30)	18.113	6471027	47.000 ug/ml
18) T n-Dotriacontane (C32)	18.941	6260738	46.615 ug/ml
19) T n-Tetratriacontane (C34)	19.723	6006297	47.016 ug/ml
20) T n-Hexatriacontane (C36)	20.458	5717874	46.381 ug/ml
21) T n-Octatriacontane (C38)	21.201	5568866	46.077 ug/ml
22) T n-Tetracontane (C40)	22.131	5268962	45.337 ug/ml

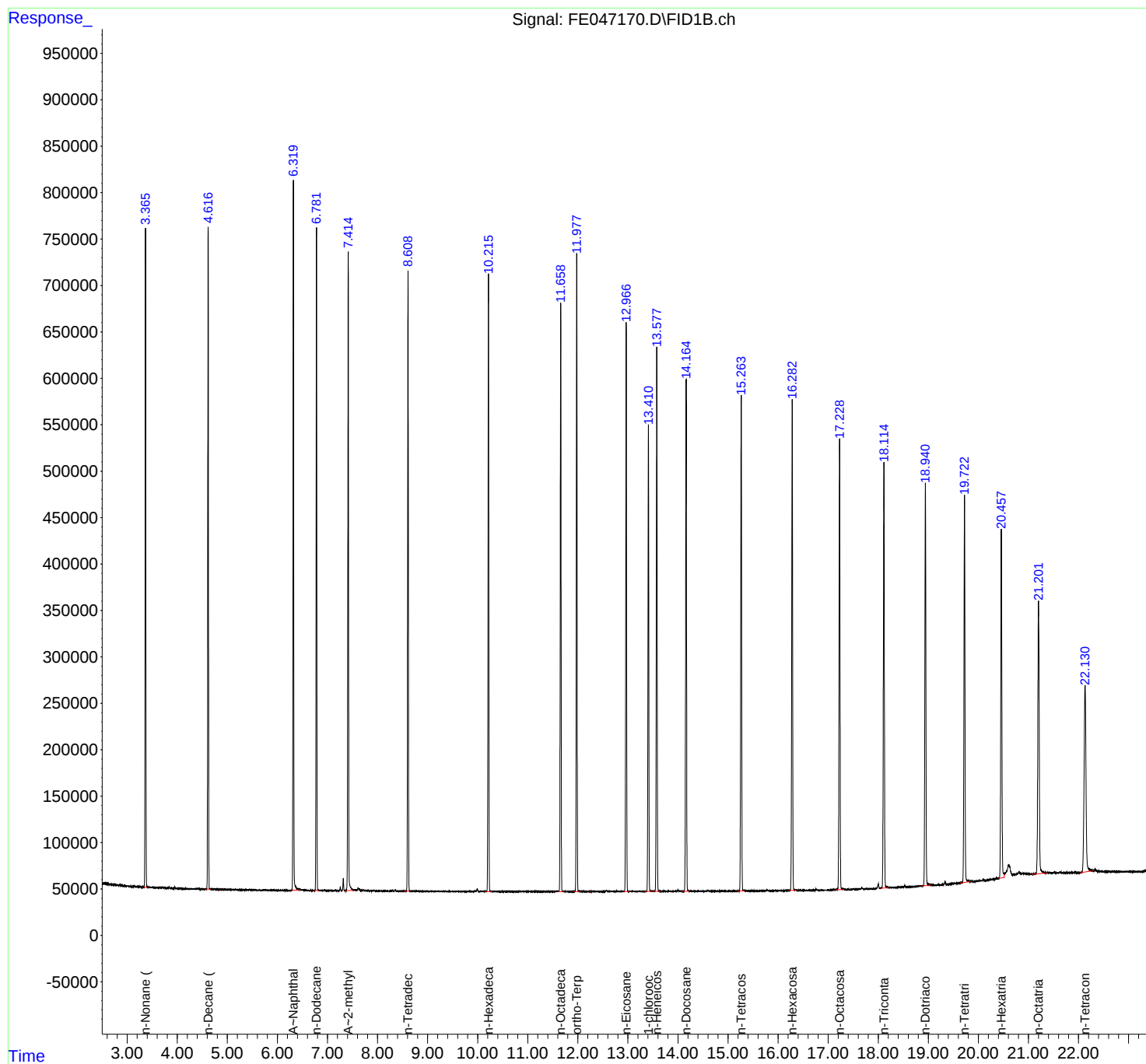
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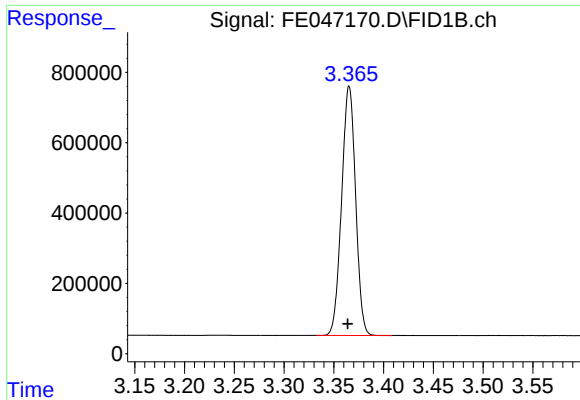
(m)=manual int.

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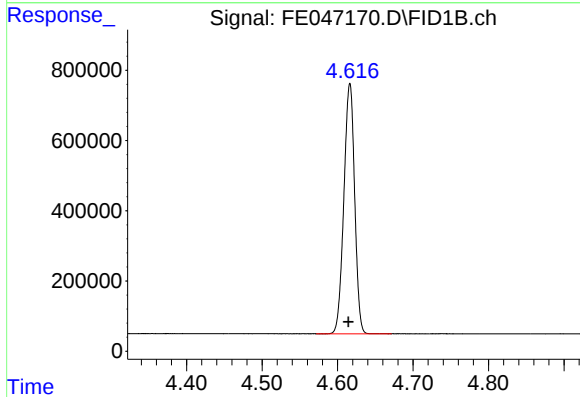
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





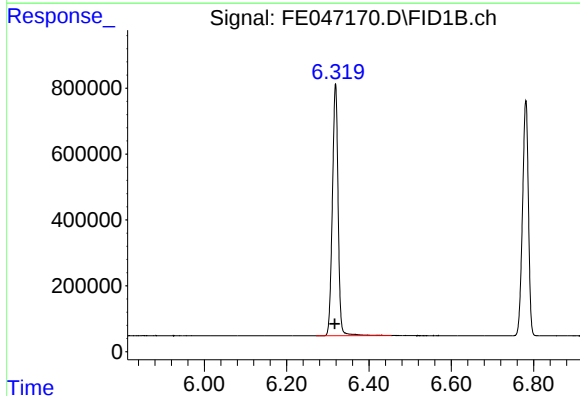
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: 0.001 min
Response: 6937426
Conc: 48.04 ug/ml



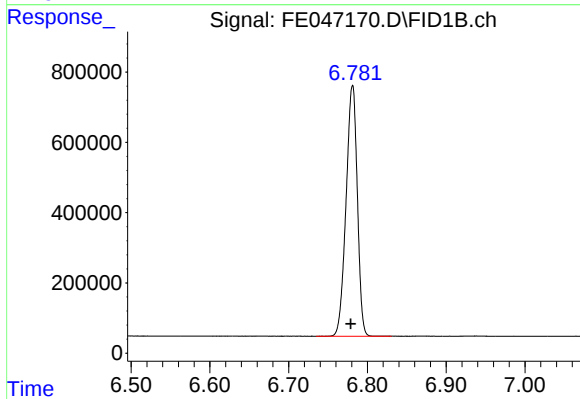
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 7067979
Conc: 47.95 ug/ml



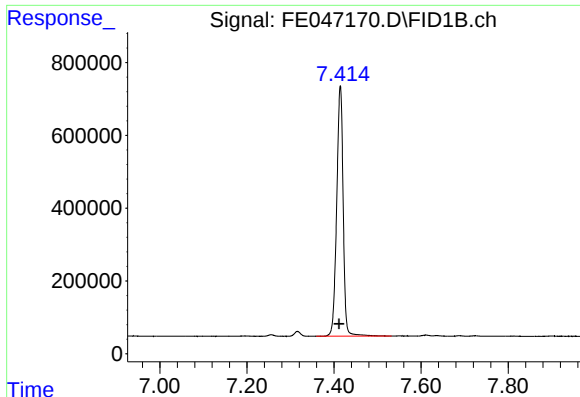
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 7409660
Conc: 48.05 ug/ml



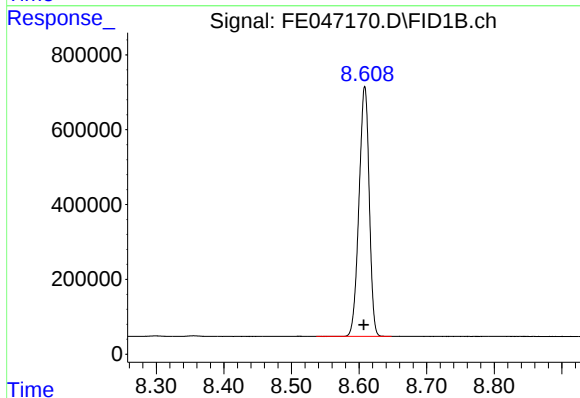
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 7087629
Conc: 47.83 ug/ml



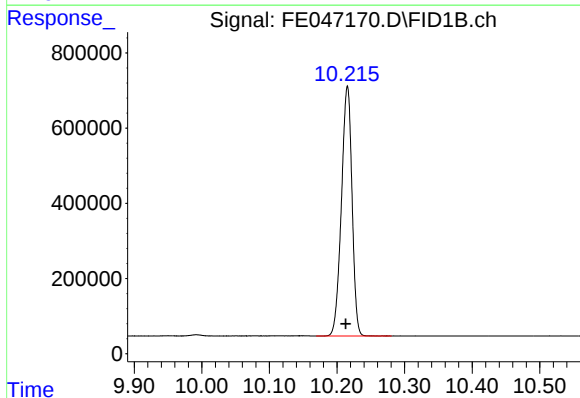
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.415 min
Delta R.T.: 0.003 min
Response: 7108308
Conc: 47.89 ug/ml



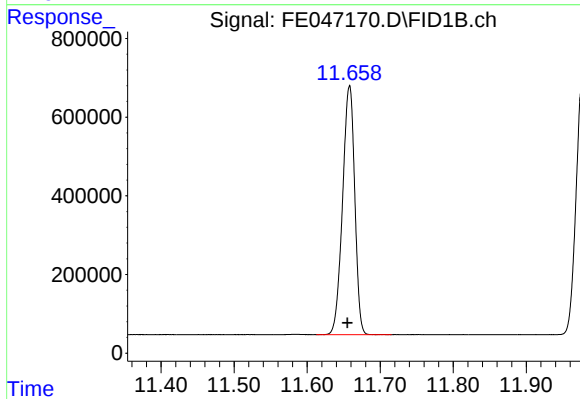
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.002 min
Response: 7011322
Conc: 47.78 ug/ml



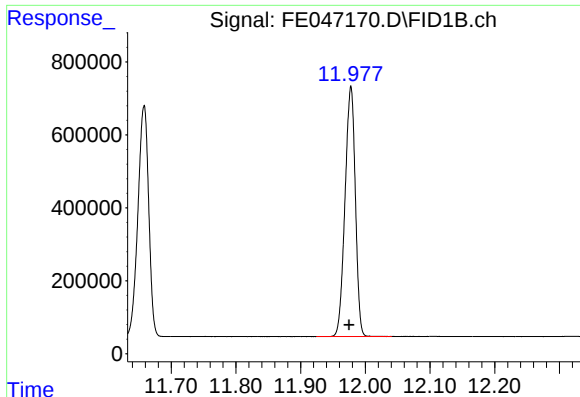
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.003 min
Response: 7238537
Conc: 47.73 ug/ml



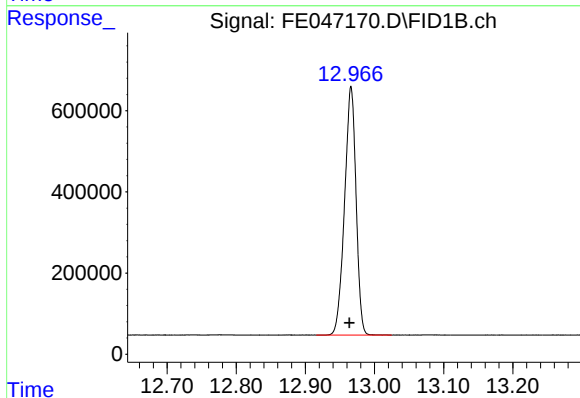
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.003 min
Response: 7325727
Conc: 47.74 ug/ml



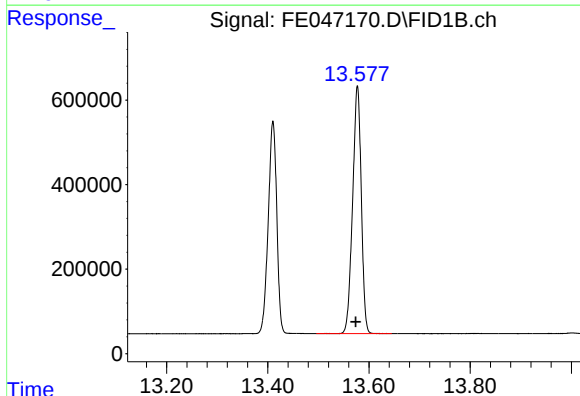
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.003 min
Response: 7601025
Conc: 47.76 ug/ml



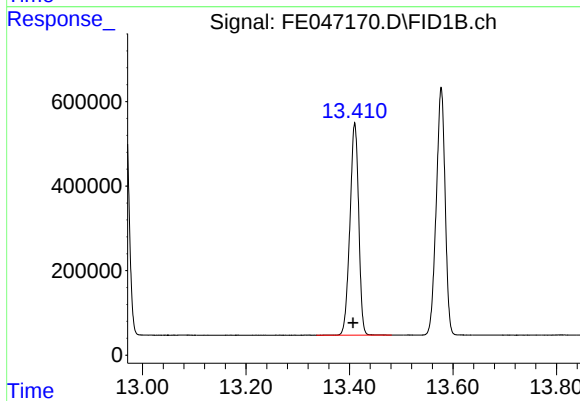
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.002 min
Response: 7067812
Conc: 47.67 ug/ml



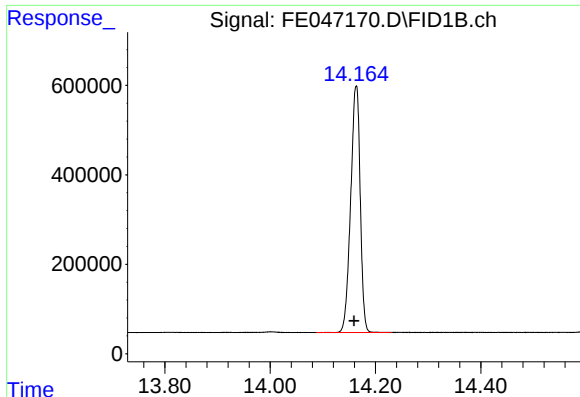
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.004 min
Response: 6962528
Conc: 47.69 ug/ml



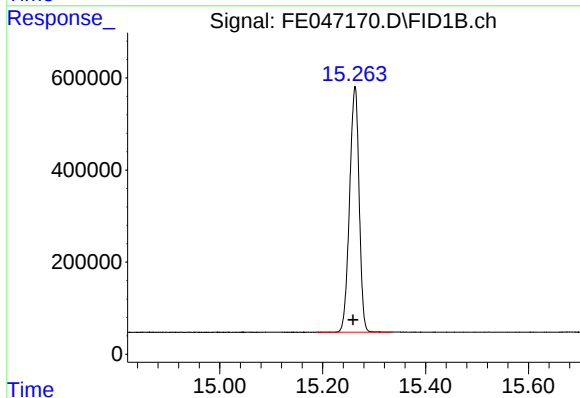
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 5890445
Conc: 47.72 ug/ml



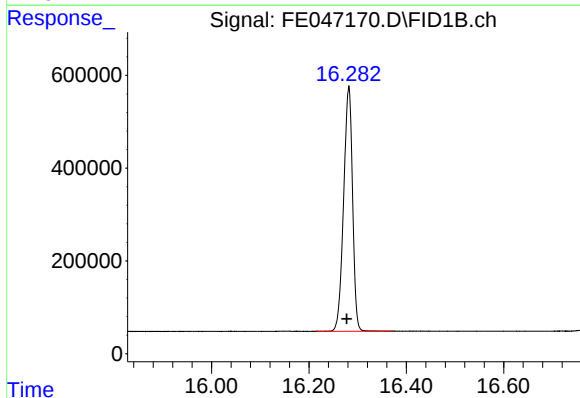
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.004 min
Response: 6925379
Conc: 47.66 ug/ml



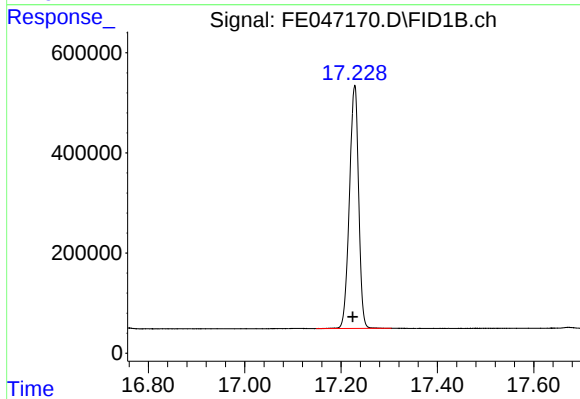
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: 0.003 min
Response: 6865232
Conc: 47.50 ug/ml



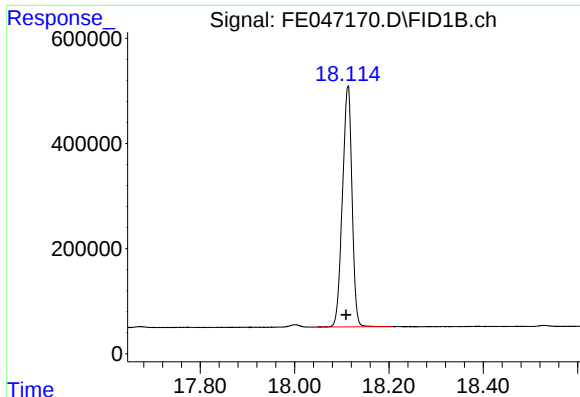
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.004 min
Response: 6695003
Conc: 47.44 ug/ml



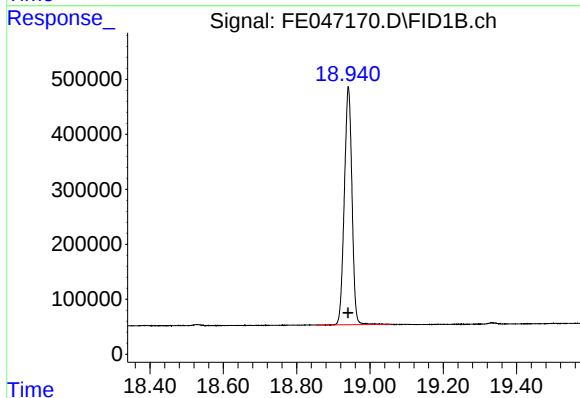
#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: 0.004 min
Response: 6482244
Conc: 47.23 ug/ml



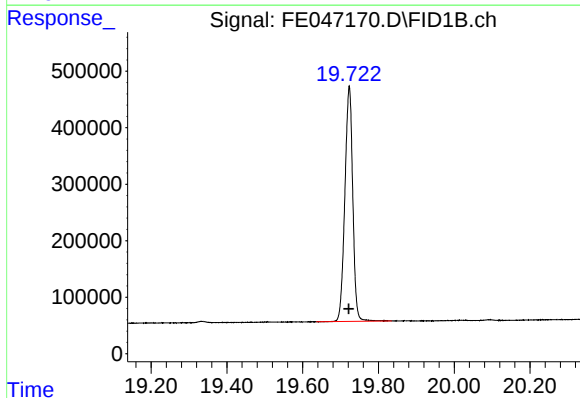
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.004 min
Response: 6471027
Conc: 47.00 ug/ml



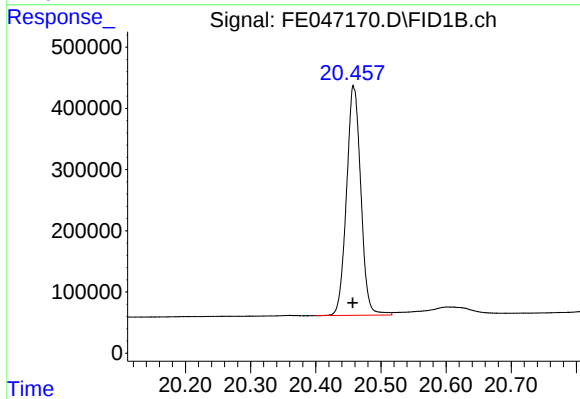
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: 0.001 min
Response: 6260738
Conc: 46.61 ug/ml



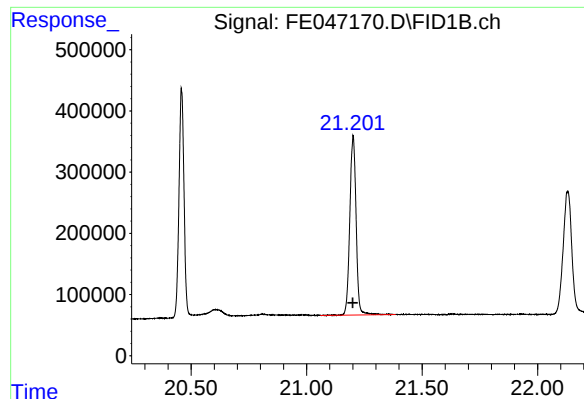
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.002 min
Response: 6006297
Conc: 47.02 ug/ml



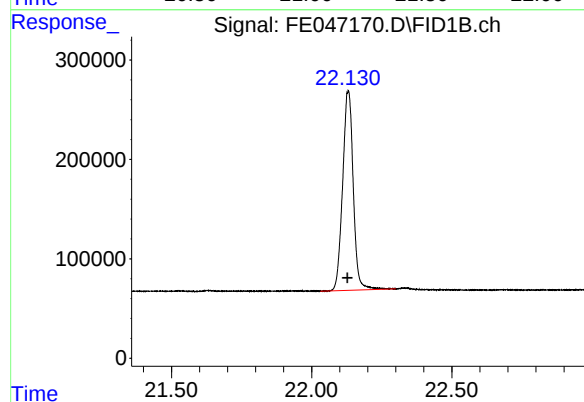
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: 0.001 min
Response: 5717874
Conc: 46.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: 0.002 min
Response: 5568866
Conc: 46.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.003 min
Response: 5268962
Conc: 45.34 ug/ml