

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048826.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 13:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:40:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.930	3491911	20.883 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
12) S 1-chlorooctadecane (S...	13.364	2699345	20.992 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T n-Nonane (C9)	3.323	3184424	21.181 ug/ml
2) T n-Decane (C10)	4.571	3243524	21.077 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3349214	21.097 ug/ml
4) T n-Dodecane (C12)	6.735	3249206	21.048 ug/ml
5) T A~2-methylnaphthalene...	7.370	3195484	21.101 ug/ml
6) T n-Tetradecane (C14)	8.562	3211227	20.952 ug/ml
7) T n-Hexadecane (C16)	10.169	3266529	20.891 ug/ml
8) T n-Octadecane (C18)	11.612	3347029	20.986 ug/ml
10) T n-Eicosane (C20)	12.920	3241008	20.905 ug/ml
11) T n-Heneicosane (C21)	13.532	3185165	20.919 ug/ml
13) T n-Docosane (C22)	14.118	3150387	20.831 ug/ml
14) T n-Tetracosane (C24)	15.218	3124849	20.794 ug/ml
15) T n-Hexacosane (C26)	16.238	3066865	20.774 ug/ml
16) T n-Octacosane (C28)	17.187	2976719	20.641 ug/ml
17) T n-Tricontane (C30)	18.074	3050951	20.854 ug/ml
18) T n-Dotriacontane (C32)	18.905	3031971	21.206 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2934342	21.206 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2764216	21.269 ug/ml
21) T n-Octatriacontane (C38)	21.161	2673825	20.857 ug/ml
22) T n-Tetracontane (C40)	22.072	2459469	20.084 ug/ml

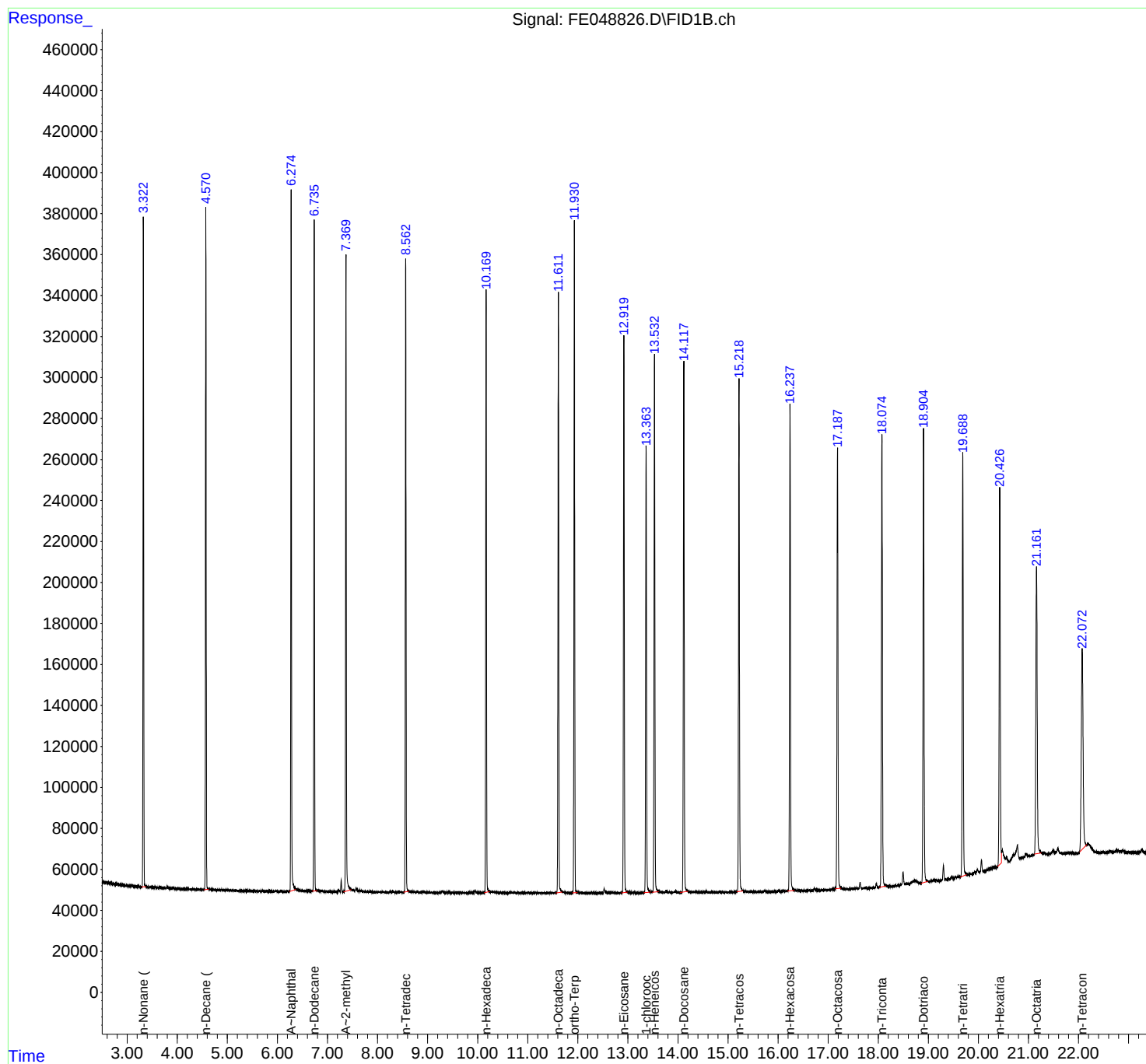
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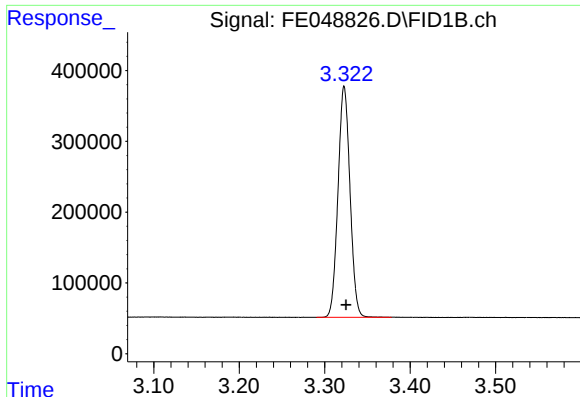
(m)=manual int.

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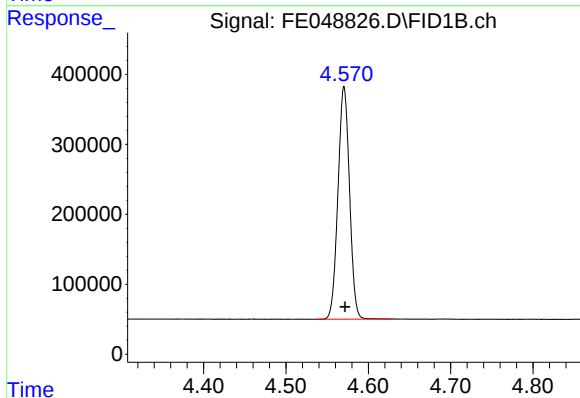
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





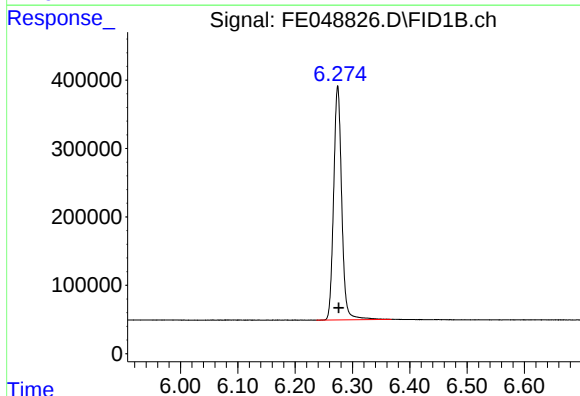
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 3184424
Conc: 21.18 ug/ml



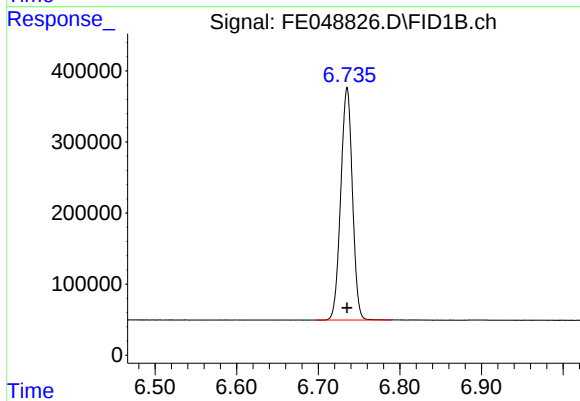
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3243524
Conc: 21.08 ug/ml



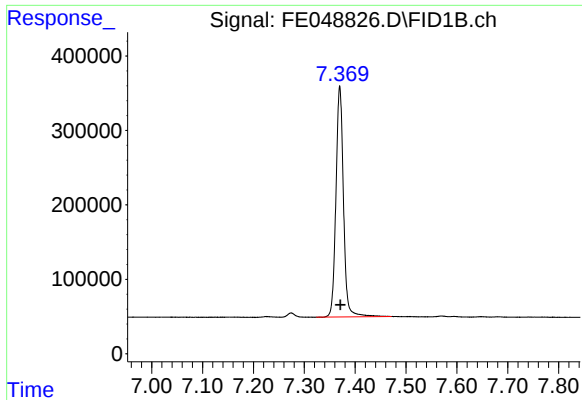
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 3349214
Conc: 21.10 ug/ml



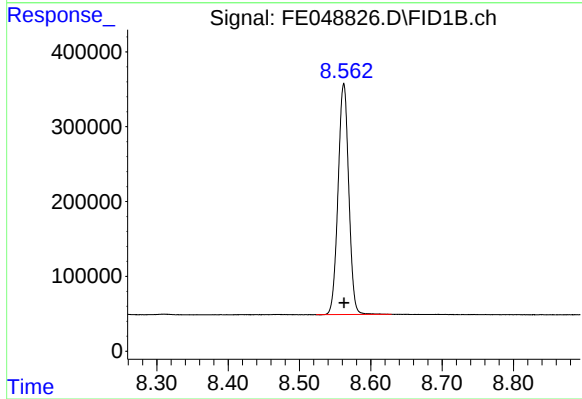
#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3249206
Conc: 21.05 ug/ml



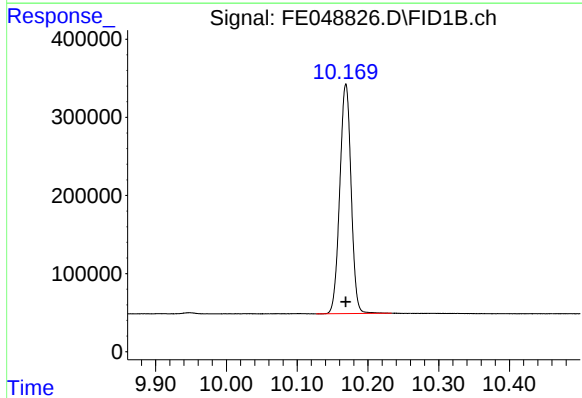
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 3195484
Conc: 21.10 ug/ml



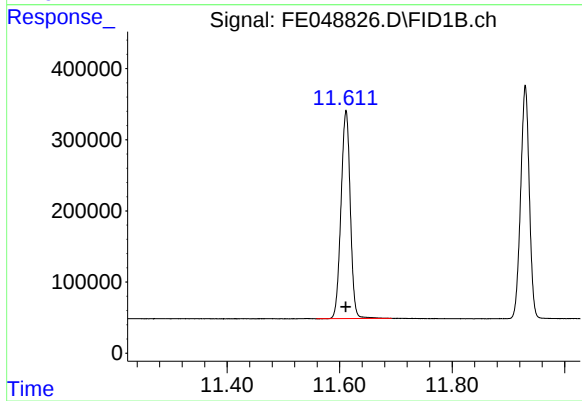
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 3211227
Conc: 20.95 ug/ml



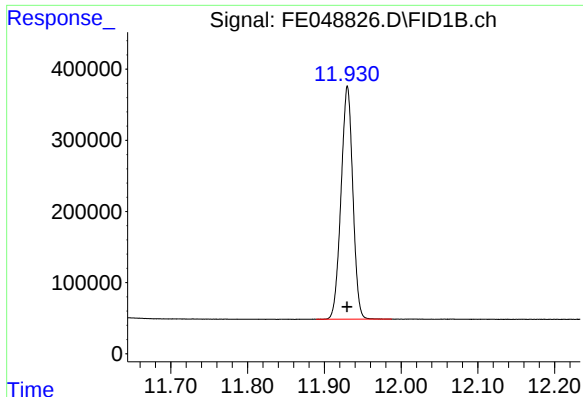
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 3266529
Conc: 20.89 ug/ml



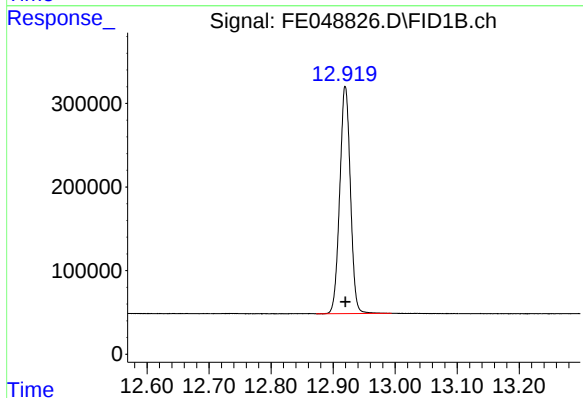
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 3347029
Conc: 20.99 ug/ml



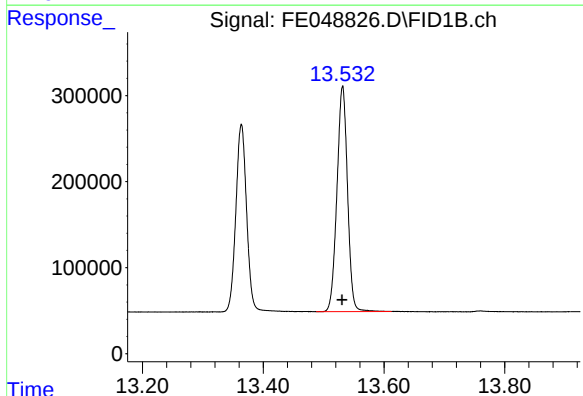
#9 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.000 min
Response: 3491911
Conc: 20.88 ug/ml



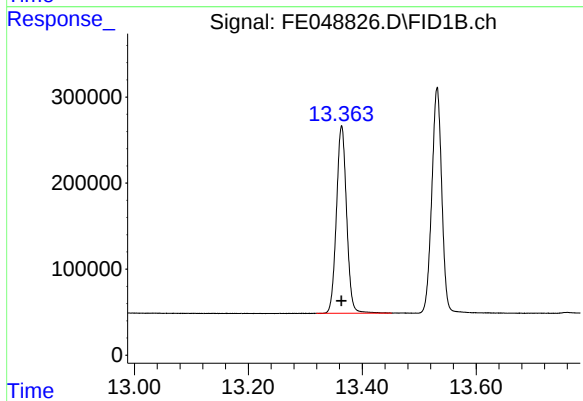
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 3241008
Conc: 20.90 ug/ml



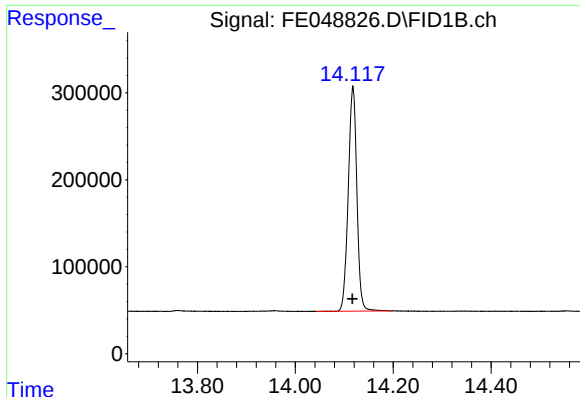
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 3185165
Conc: 20.92 ug/ml



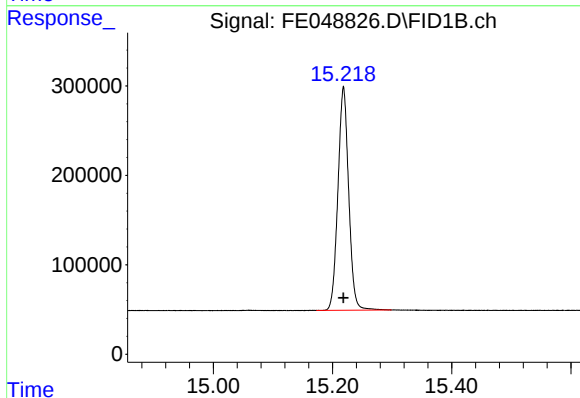
#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 2699345
Conc: 20.99 ug/ml



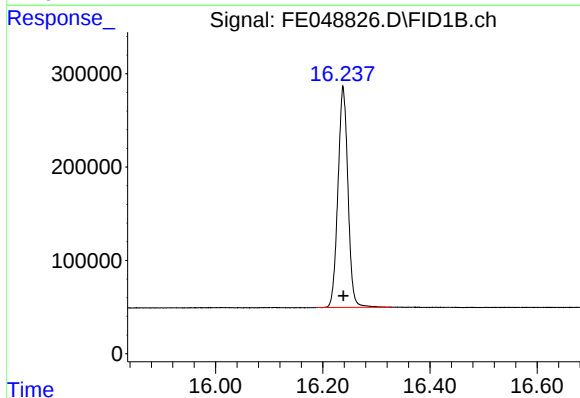
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: 0.001 min
Response: 3150387
Conc: 20.83 ug/ml



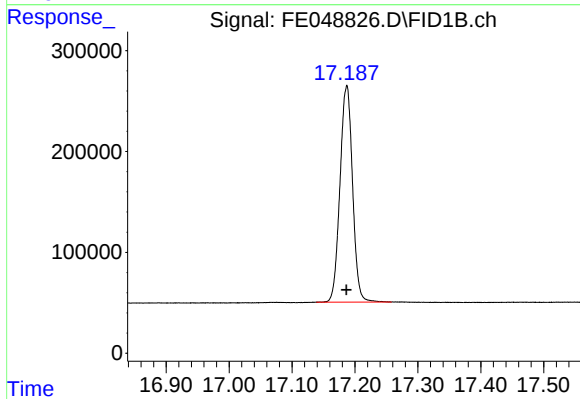
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 3124849
Conc: 20.79 ug/ml



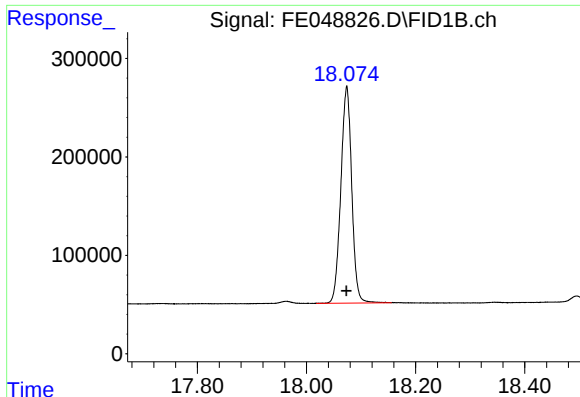
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 3066865
Conc: 20.77 ug/ml



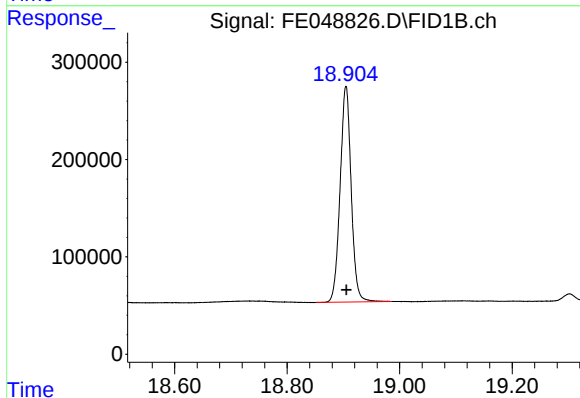
#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: 0.000 min
Response: 2976719
Conc: 20.64 ug/ml



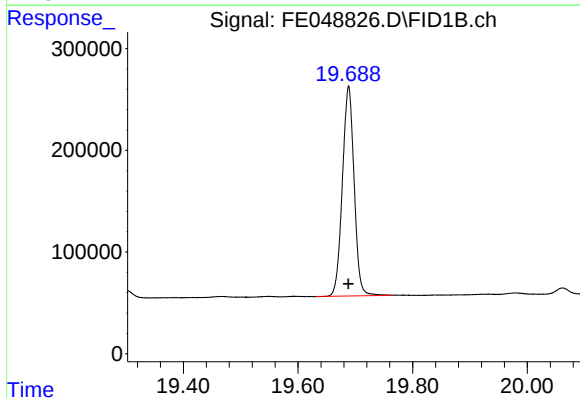
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 3050951
Conc: 20.85 ug/ml



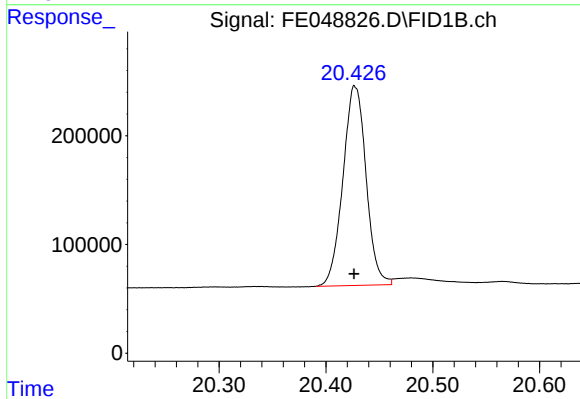
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 3031971
Conc: 21.21 ug/ml



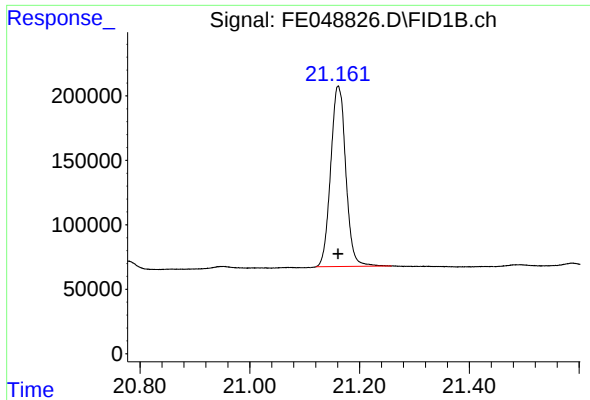
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 2934342
Conc: 21.21 ug/ml



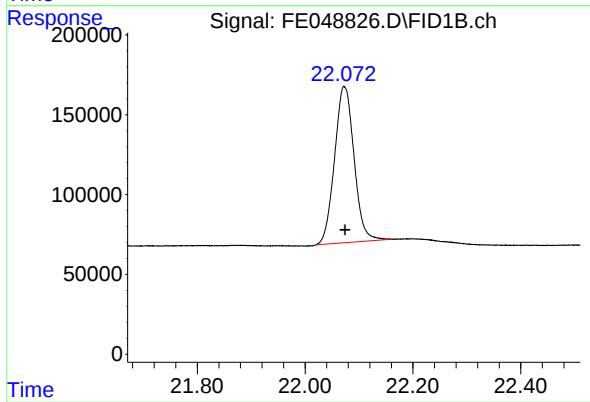
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.000 min
Response: 2764216
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.000 min
Response: 2673825
Conc: 20.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.002 min
Response: 2459469
Conc: 20.08 ug/ml