

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009272.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2021 11:55
 Operator : AJ\MA
 Sample : M5022-59MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 15 14:31:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:39:19 2021
 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)	10.765	5731264	37.840 ug/mlm
Spiked Amount 50.000		Recovery =	75.68%
12) S 1-chlorooctadecane (S...	12.209	3901965	32.844 ug/mlm
Spiked Amount 50.000		Recovery =	65.69%
Target Compounds			
1) T n-Nonane (C9)	2.610	4980561	39.054 ug/ml
2) T n-Decane (C10)	3.612	5727433	45.168 ug/ml
3) T A~Naphthalene (C11.7)	5.168	7026709	54.397 ug/ml
4) T n-Dodecane (C12)	5.600	6865005	53.445 ug/ml
5) T A~2-methylnaphthalene...	6.220	7936846	63.412 ug/ml
6) T n-Tetradecane (C14)	7.400	7963913	61.854 ug/mlm
7) T n-Hexadecane (C16)	9.006	8235835	62.605 ug/mlm
8) T n-Octadecane (C18)	10.459	8792031	63.651 ug/mlm
10) T n-Eicosane (C20)	11.770	9063386	65.127 ug/mlm
11) T n-Heneicosane (C21)	12.380	8328301	57.683 ug/mlm
13) T n-Docosane (C22)	12.962	8573394	59.499 ug/mlm
14) T n-Tetracosane (C24)	14.051	16617083	112.644 ug/mlm
15) T n-Hexacosane (C26)	15.084	8669026	58.733 ug/ml
16) T n-Octacosane (C28)	16.032	8010228	54.206 ug/ml
17) T n-Tricontane (C30)	16.920	7572735	52.503 ug/ml
18) T n-Dotriacontane (C32)	17.751	7038929	51.834 ug/ml
19) T n-Tetratriacontane (C34)	18.534	6649507	51.799 ug/ml
20) T n-Hexatriacontane (C36)	19.272	6063638	49.904 ug/mlm
21) T n-Octatriacontane (C38)	19.989	5728986	48.960 ug/mlm
22) T n-Tetracontane (C40)	20.851	5749268	51.340 ug/ml

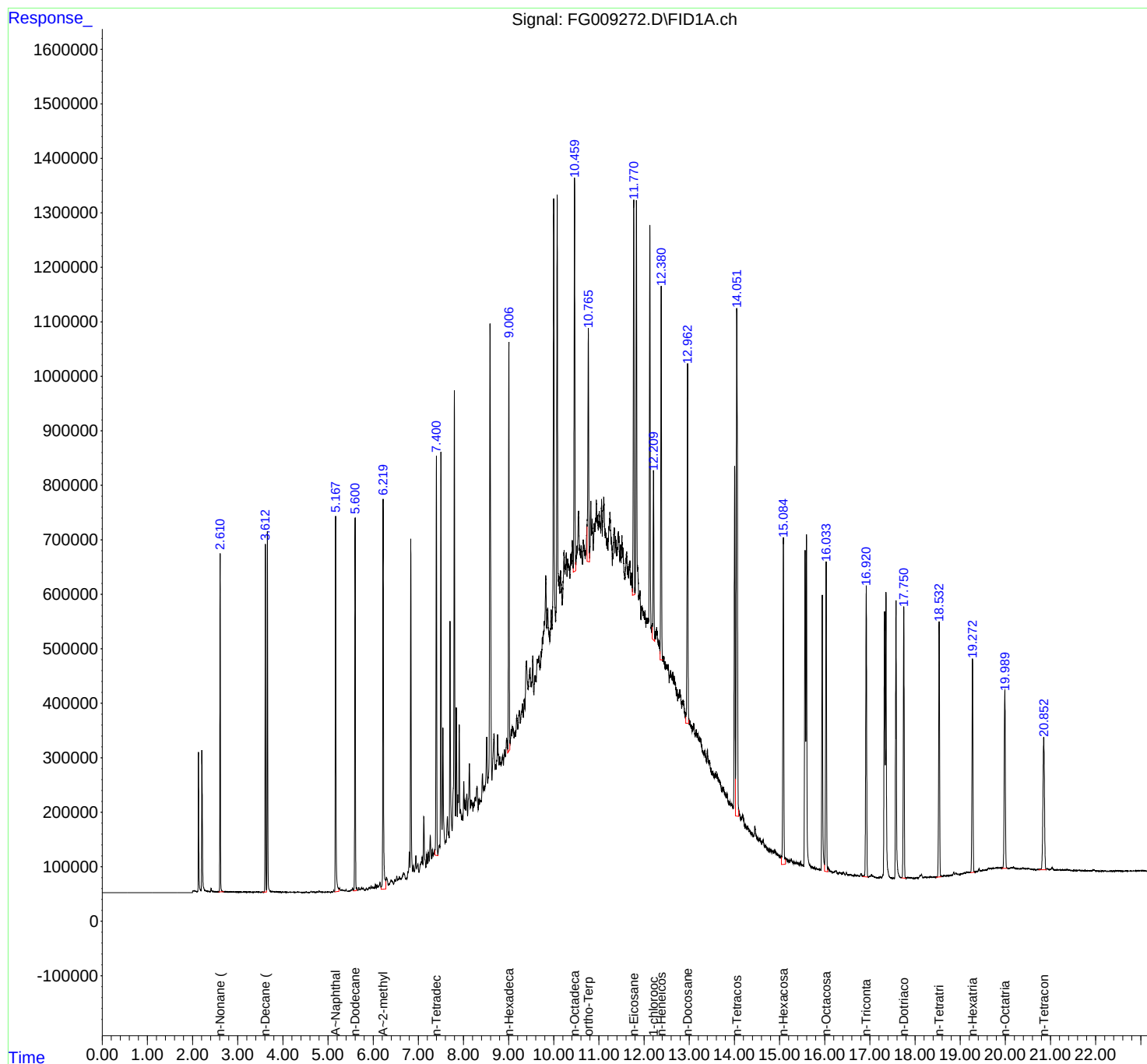
(f)=RT Delta > 1/2 Window

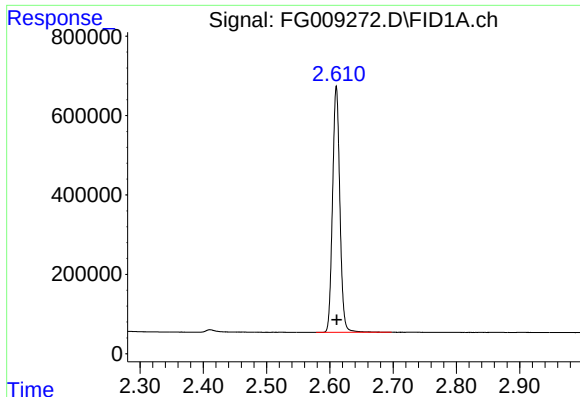
(m)=manual int.

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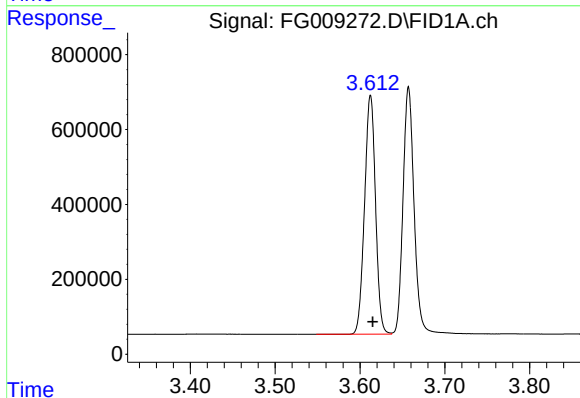
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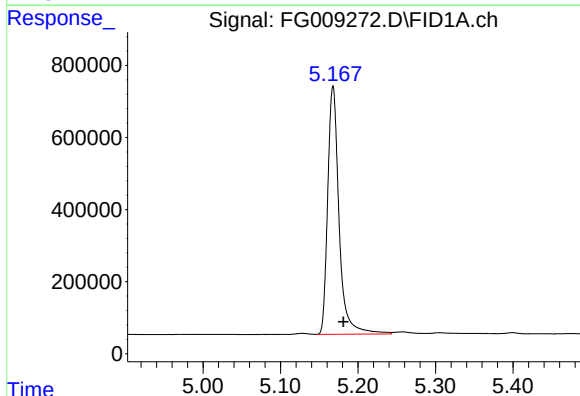
#1 n-Nonane (C9)

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 4980561
Conc: 39.05 ug/ml



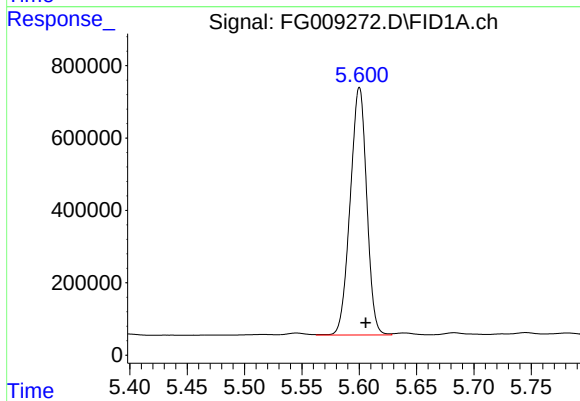
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: -0.002 min
Response: 5727433
Conc: 45.17 ug/ml



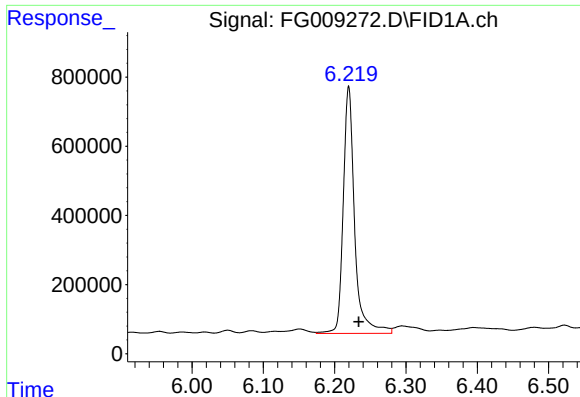
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.013 min
Response: 7026709
Conc: 54.40 ug/ml



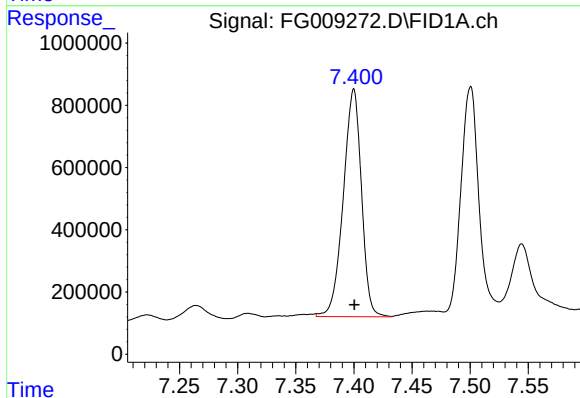
#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 6865005
Conc: 53.44 ug/ml



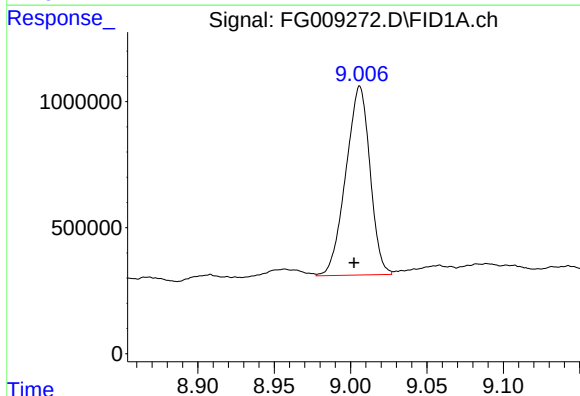
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.220 min
Delta R.T.: -0.014 min
Response: 7936846
Conc: 63.41 ug/ml



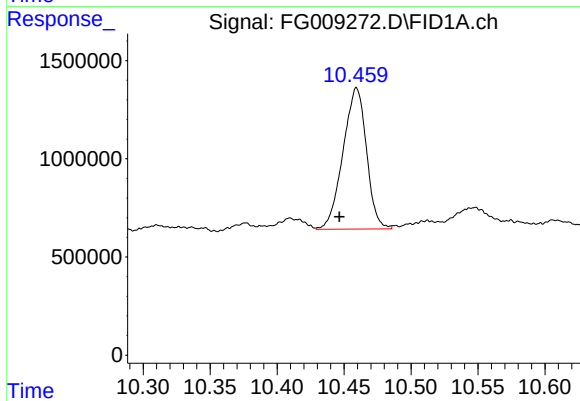
#6 n-Tetradecane (C14)

R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 7963913
Conc: 61.85 ug/ml m



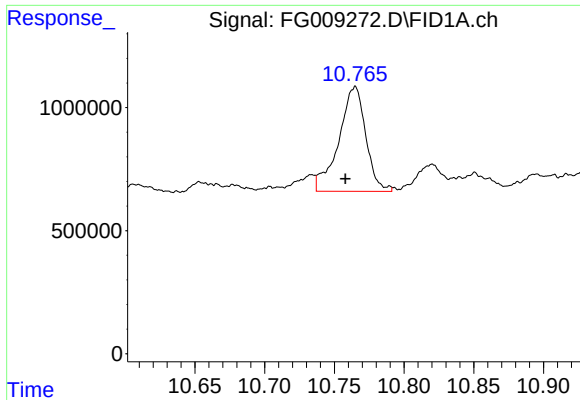
#7 n-Hexadecane (C16)

R.T.: 9.006 min
Delta R.T.: 0.003 min
Response: 8235835
Conc: 62.60 ug/ml m



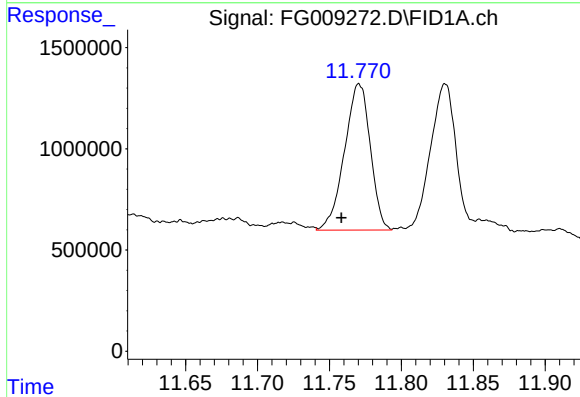
#8 n-Octadecane (C18)

R.T.: 10.459 min
Delta R.T.: 0.012 min
Response: 8792031
Conc: 63.65 ug/ml m



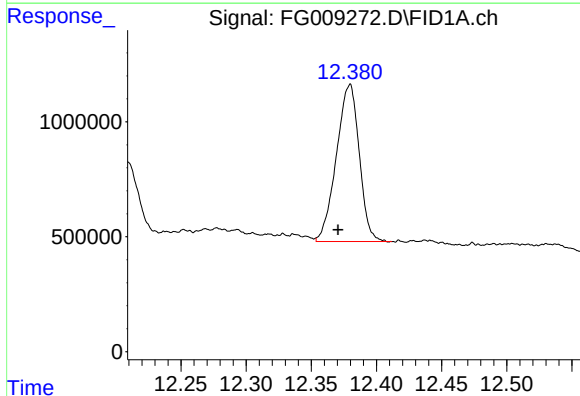
#9 ortho-Terphenyl (SURR)

R.T.: 10.765 min
Delta R.T.: 0.007 min
Response: 5731264
Conc: 37.84 ug/ml m



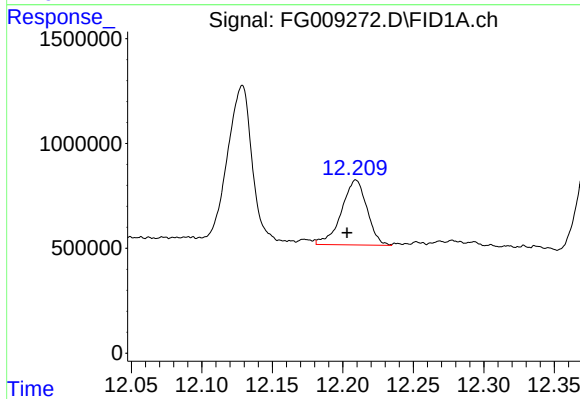
#10 n-Eicosane (C20)

R.T.: 11.770 min
Delta R.T.: 0.012 min
Response: 9063386
Conc: 65.13 ug/ml m



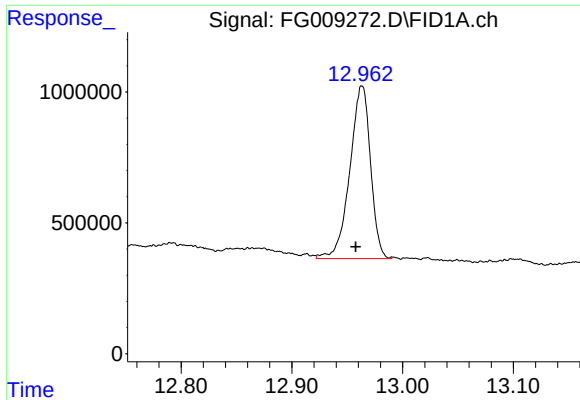
#11 n-Heneicosane (C21)

R.T.: 12.380 min
Delta R.T.: 0.009 min
Response: 8328301
Conc: 57.68 ug/ml m



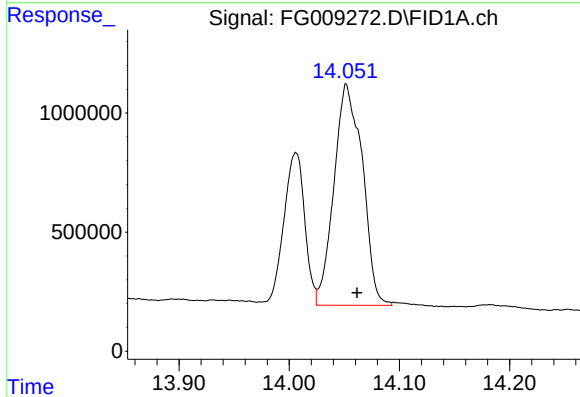
#12 1-chlorooctadecane (SURR)

R.T.: 12.209 min
Delta R.T.: 0.006 min
Response: 3901965
Conc: 32.84 ug/ml m



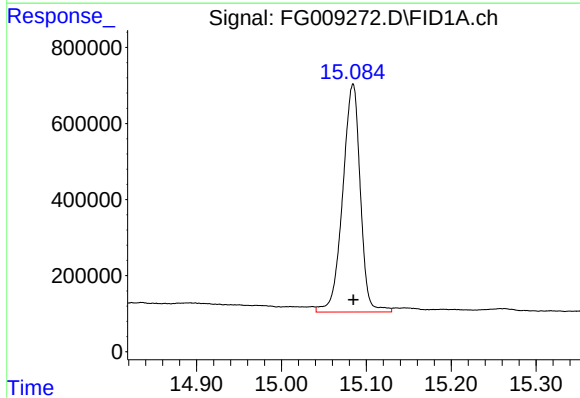
#13 n-Docosane (C22)

R.T.: 12.962 min
Delta R.T.: 0.005 min
Response: 8573394
Conc: 59.50 ug/ml m



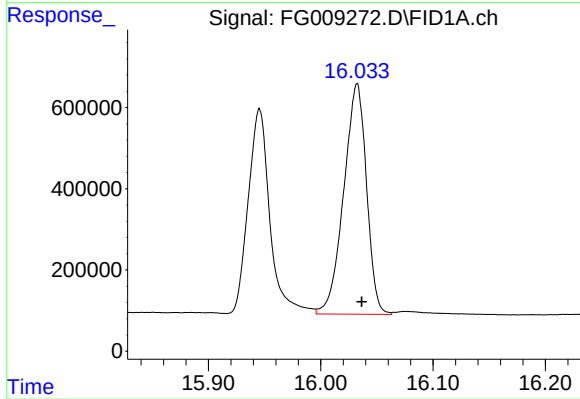
#14 n-Tetracosane (C24)

R.T.: 14.051 min
Delta R.T.: -0.011 min
Response: 16617083
Conc: 112.64 ug/ml m



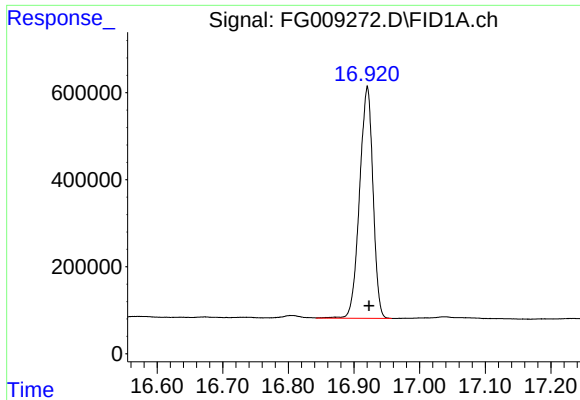
#15 n-Hexacosane (C26)

R.T.: 15.084 min
Delta R.T.: 0.000 min
Response: 8669026
Conc: 58.73 ug/ml



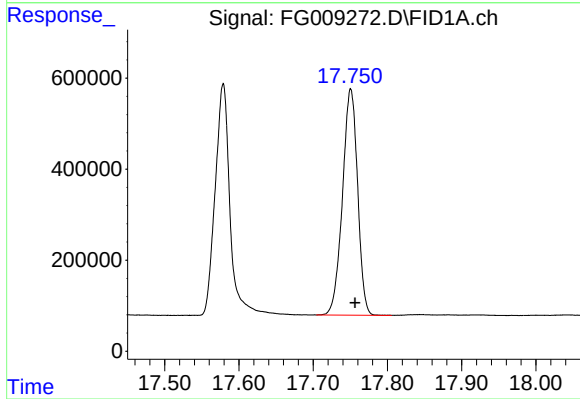
#16 n-Octacosane (C28)

R.T.: 16.032 min
Delta R.T.: -0.004 min
Response: 8010228
Conc: 54.21 ug/ml



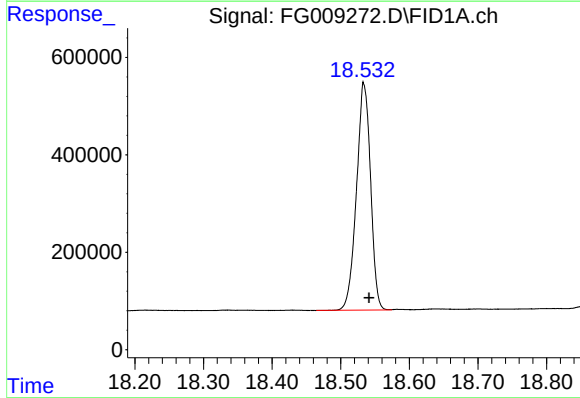
#17 n-Tricontane (C30)

R.T.: 16.920 min
Delta R.T.: -0.003 min
Response: 7572735
Conc: 52.50 ug/ml



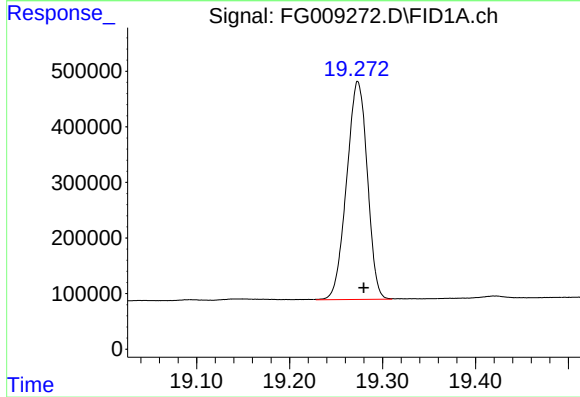
#18 n-Dotriacontane (C32)

R.T.: 17.751 min
Delta R.T.: -0.006 min
Response: 7038929
Conc: 51.83 ug/ml



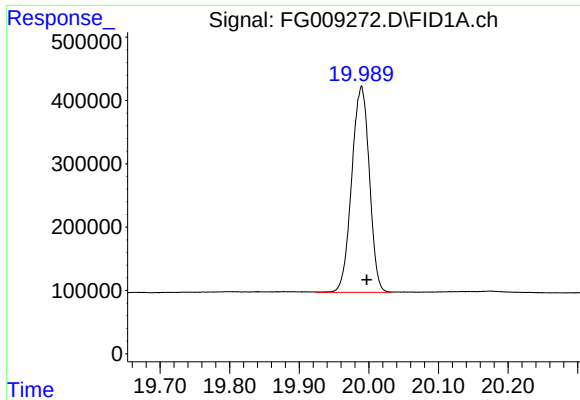
#19 n-Tetratriacontane (C34)

R.T.: 18.534 min
Delta R.T.: -0.008 min
Response: 6649507
Conc: 51.80 ug/ml



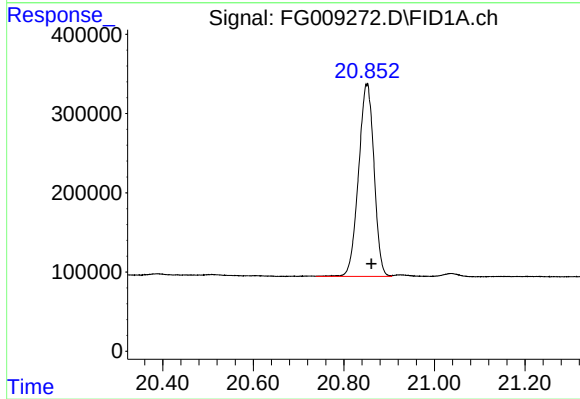
#20 n-Hexatriacontane (C36)

R.T.: 19.272 min
Delta R.T.: -0.007 min
Response: 6063638
Conc: 49.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.989 min
Delta R.T.: -0.008 min
Response: 5728986
Conc: 48.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.851 min
Delta R.T.: -0.009 min
Response: 5749268
Conc: 51.34 ug/ml