

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083025AL\
 Data File : FE055594.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2025 13:15
 Operator : YP\AJ
 Sample : Q2955-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 01:40:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.092	7436156	45.264 ug/ml
Spiked Amount 50.000		Recovery =	90.53%
12) S 1-chlorooctadecane (S...	13.526	4244170	33.941 ug/ml
Spiked Amount 50.000		Recovery =	67.88%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.388	88662	0.610 ug/ml
4) T n-Dodecane (C12)	6.852	66081	0.507 ug/ml
5) T A~2-methylnaphthalene...	7.516	204676	1.455 ug/ml
6) T n-Tetradecane (C14)	8.690	373546	2.836 ug/ml
7) T n-Hexadecane (C16)	10.310	1197438	8.646 ug/ml
8) T n-Octadecane (C18)	11.759	1084902	7.438 ug/ml
10) T n-Eicosane (C20)	13.075	1619395	11.250 ug/ml
11) T n-Heneicosane (C21)	13.688	704522	4.932 ug/ml
13) T n-Docosane (C22)	14.272	434097	3.033 ug/ml
16) T n-Octacosane (C28)	17.352	130033	0.914 ug/ml
17) T n-Tricontane (C30)	18.242	333057	2.253 ug/ml
18) T n-Dotriacontane (C32)	19.076	429728	2.928 ug/ml
19) T n-Tetratriacontane (C34)	19.861	314702	2.227 ug/ml
20) T n-Hexatriacontane (C36)	20.603	206074	1.562 ug/ml

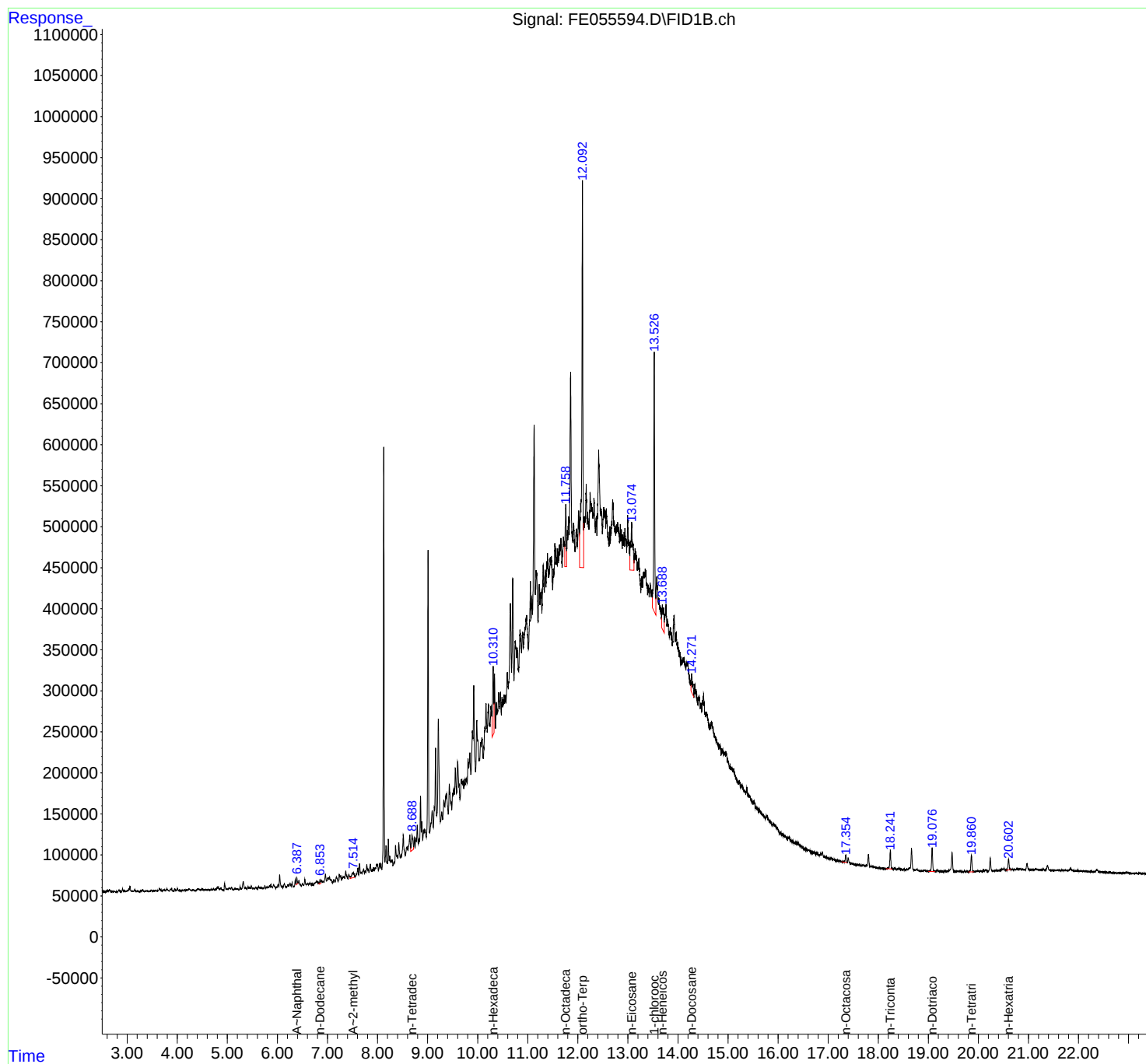
(f)=RT Delta > 1/2 Window

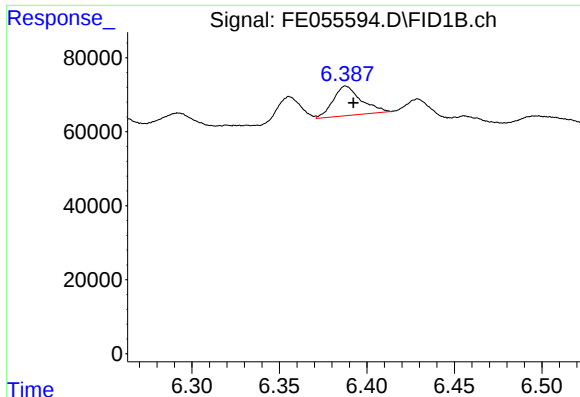
(m)=manual int.

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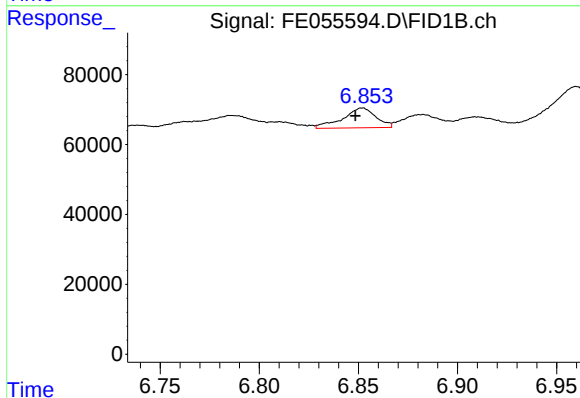
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





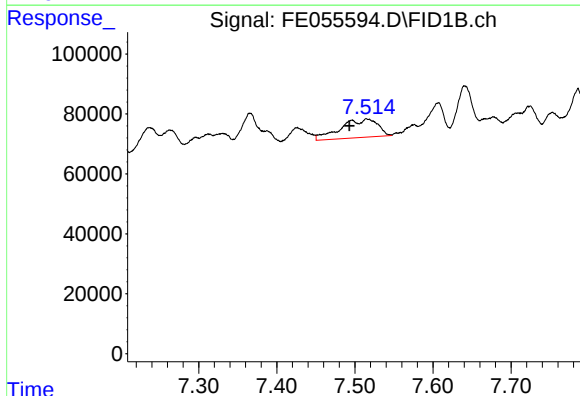
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 88662
Conc: 0.61 ug/ml



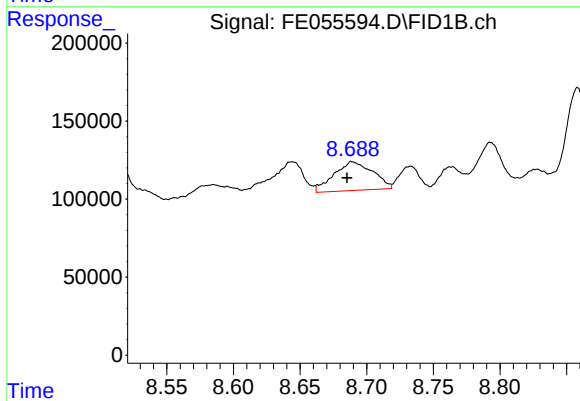
#4 n-Dodecane (C12)

R.T.: 6.852 min
Delta R.T.: 0.003 min
Response: 66081
Conc: 0.51 ug/ml



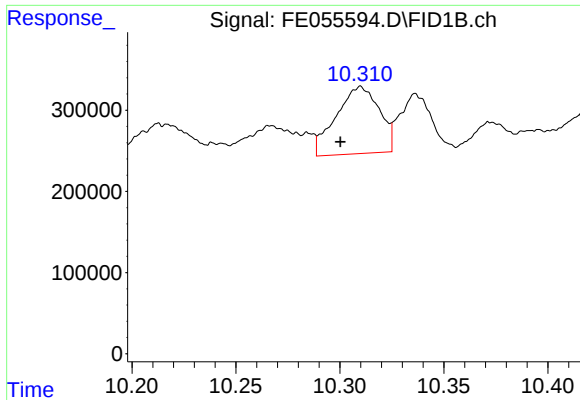
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.516 min
Delta R.T.: 0.023 min
Response: 204676
Conc: 1.46 ug/ml



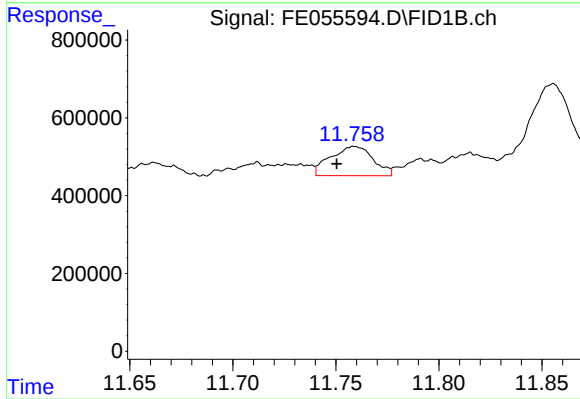
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.005 min
Response: 373546
Conc: 2.84 ug/ml



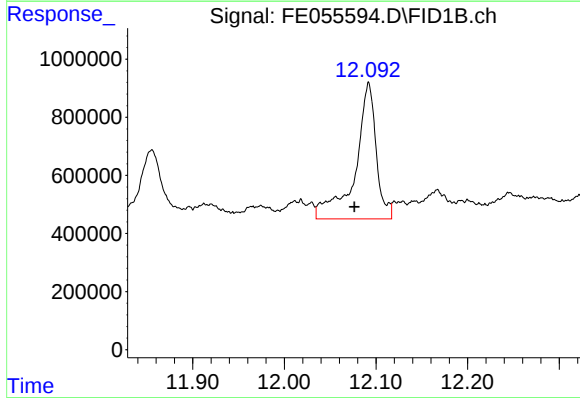
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.010 min
Response: 1197438
Conc: 8.65 ug/ml



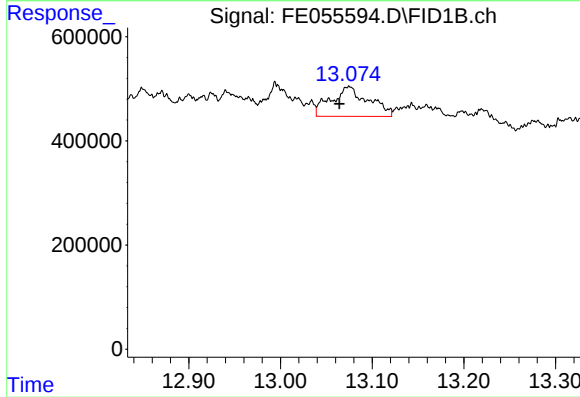
#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.009 min
Response: 1084902
Conc: 7.44 ug/ml



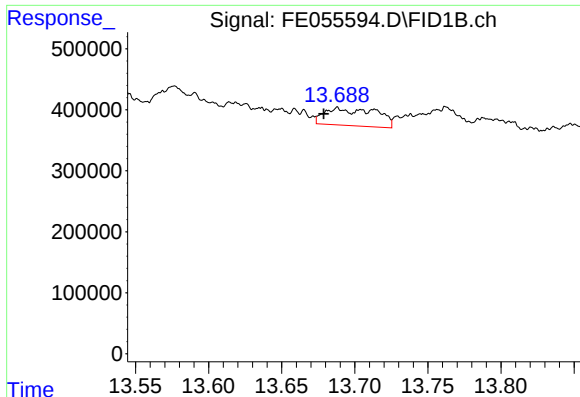
#9 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.015 min
Response: 7436156
Conc: 45.26 ug/ml



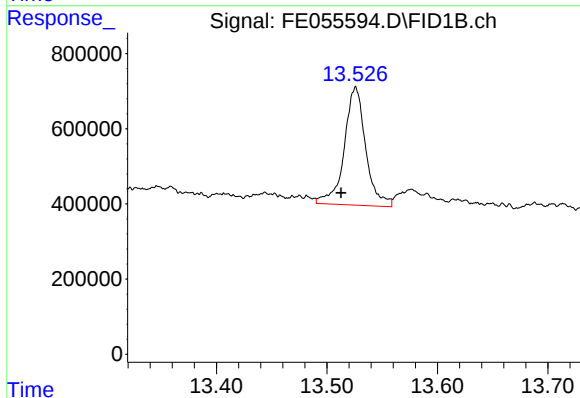
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.010 min
Response: 1619395
Conc: 11.25 ug/ml



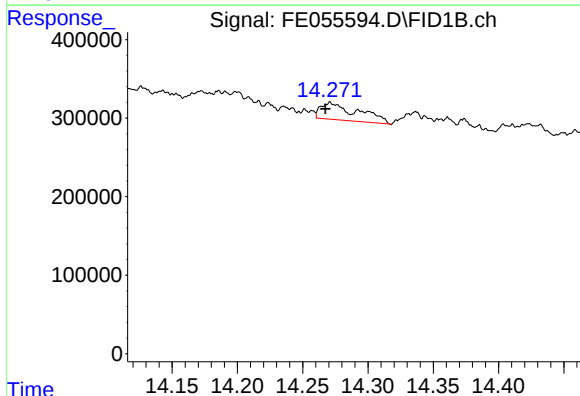
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.010 min
Response: 704522
Conc: 4.93 ug/ml



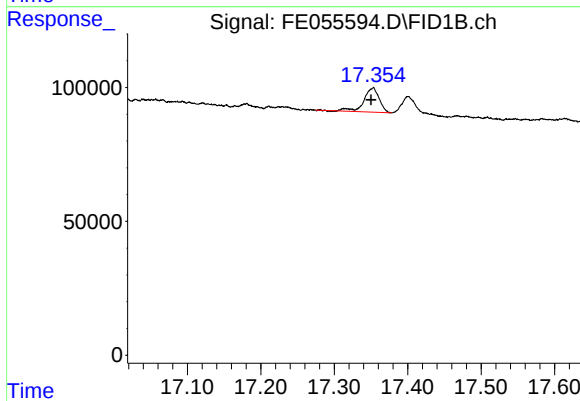
#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.013 min
Response: 4244170
Conc: 33.94 ug/ml



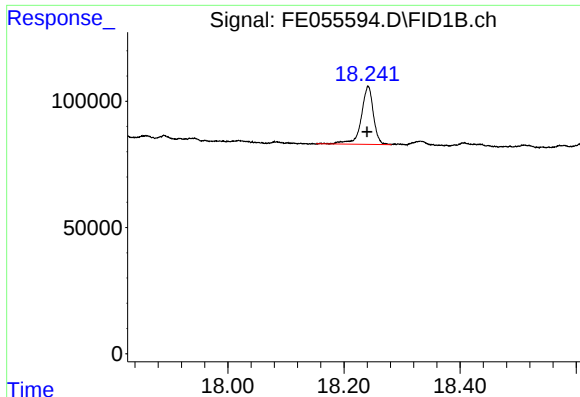
#13 n-Docosane (C22)

R.T.: 14.272 min
Delta R.T.: 0.004 min
Response: 434097
Conc: 3.03 ug/ml



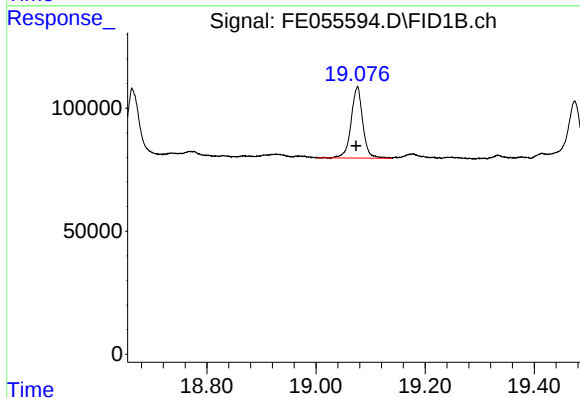
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.002 min
Response: 130033
Conc: 0.91 ug/ml



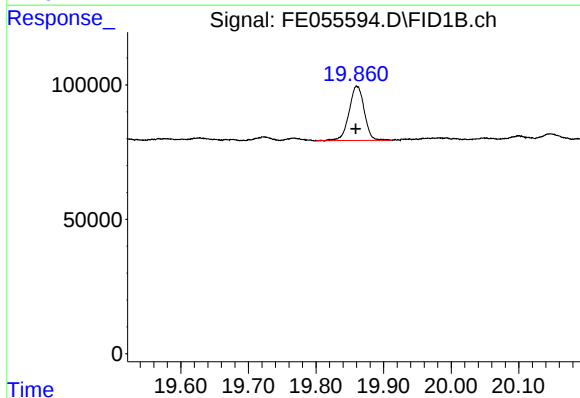
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: 0.002 min
Response: 333057
Conc: 2.25 ug/ml



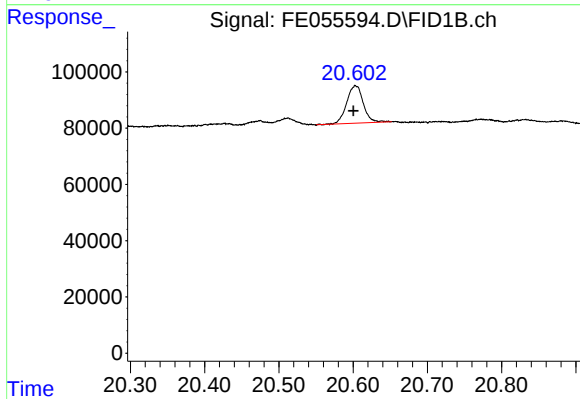
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 429728
Conc: 2.93 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.002 min
Response: 314702
Conc: 2.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.003 min
Response: 206074
Conc: 1.56 ug/ml