

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016502.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 16:41
 Operator : YP\AJ
 Sample : Q2982-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.120	171519327	1295.584 ug/ml
Spiked Amount 50.000		Recovery	= 2591.17%
12) S 1-chlorooctadecane (S...	13.511	68928161	684.770 ug/ml
Spiked Amount 50.000		Recovery	= 1369.54%
Target Compounds			
6) T n-Tetradecane (C14)	8.672	41820	0.362 ug/ml
7) T n-Hexadecane (C16)	10.294	294291	2.465 ug/ml
8) T n-Octadecane (C18)	11.723	32270542	267.083 ug/ml
10) T n-Eicosane (C20)	13.068	153050796	1311.986 ug/ml
11) T n-Heneicosane (C21)	13.681	72253090	628.609 ug/ml
13) T n-Docosane (C22)	14.300	24506887	214.487 ug/ml
14) T n-Tetracosane (C24)	15.386	15497748	136.246 ug/ml
15) T n-Hexacosane (C26)	16.386	13197899	118.858 ug/ml
16) T n-Octacosane (C28)	17.379	379263	3.508 ug/ml
18) T n-Dotriacontane (C32)	19.094	99355	0.945 ug/ml
19) T n-Tetratriacontane (C34)	19.957f	151514	1.578 ug/ml

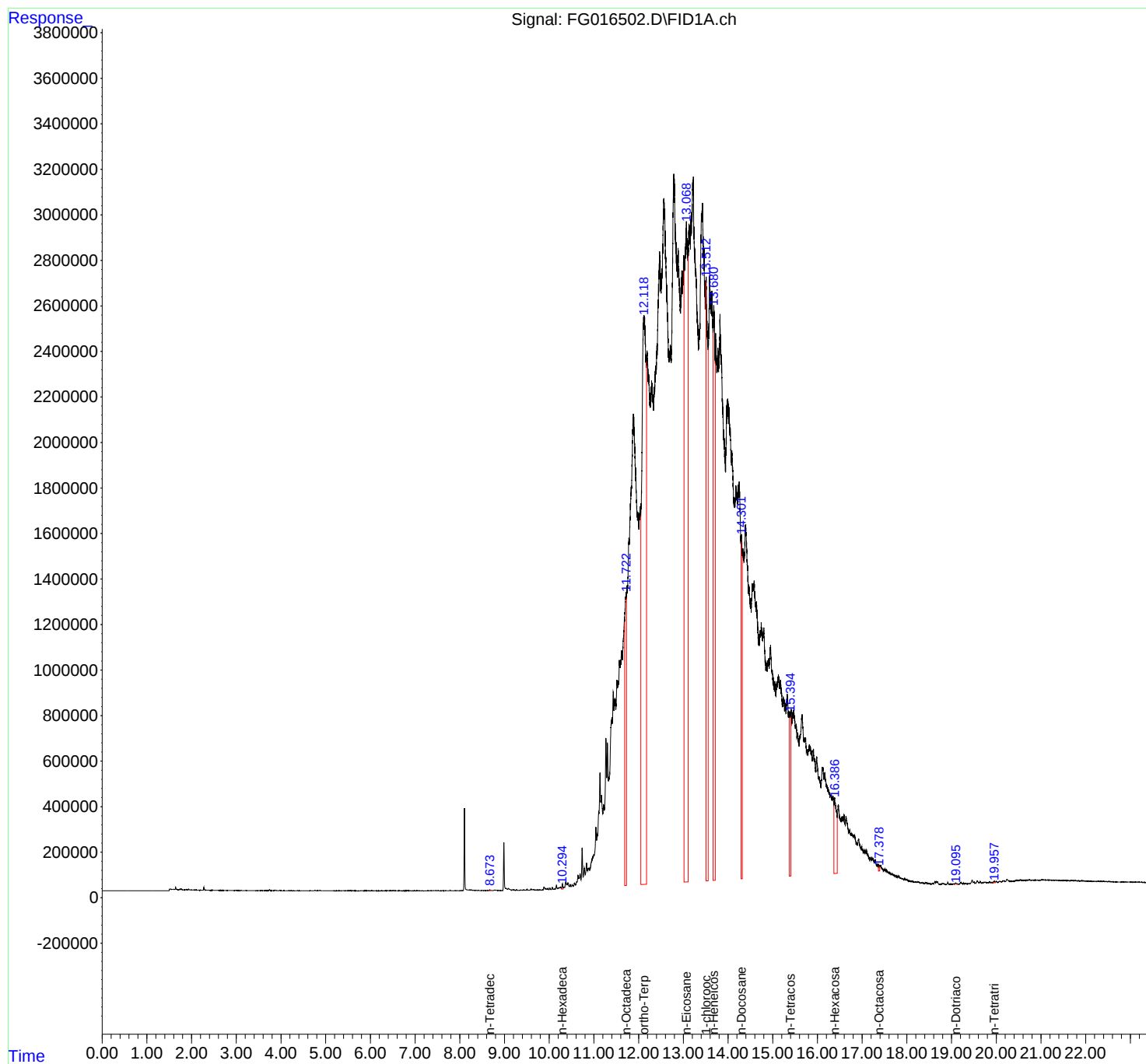
(f)=RT Delta > 1/2 Window

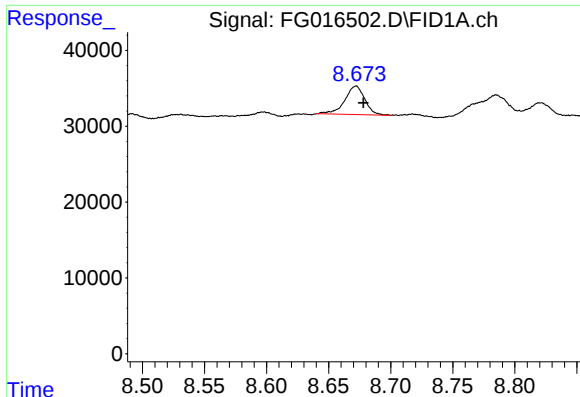
(m)=manual int.

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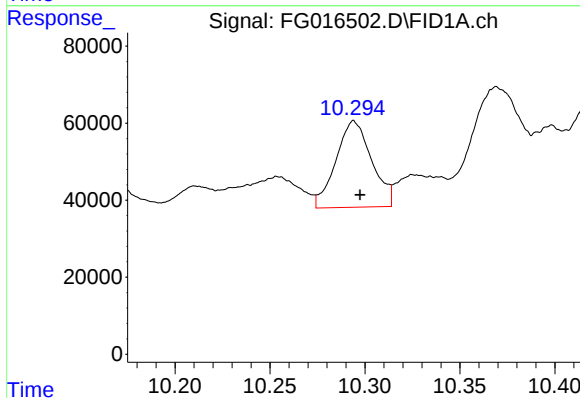
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Signal Info : 20M x 0.18mm x 0.18um





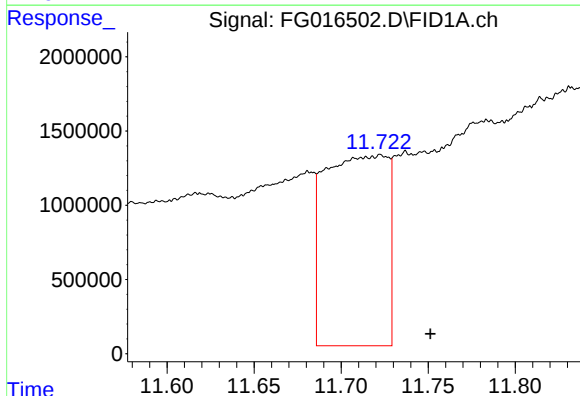
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 41820
Conc: 0.36 ug/ml



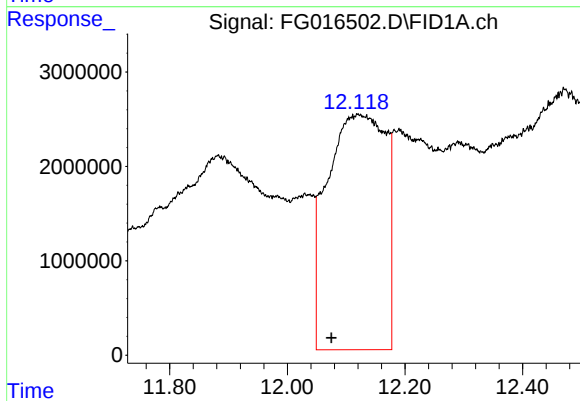
#7 n-Hexadecane (C16)

R.T.: 10.294 min
Delta R.T.: -0.003 min
Response: 294291
Conc: 2.47 ug/ml



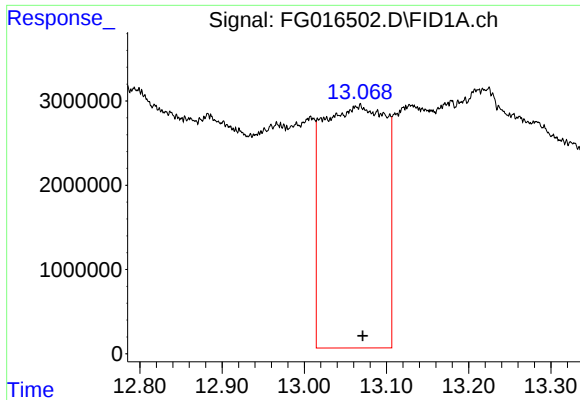
#8 n-Octadecane (C18)

R.T.: 11.723 min
Delta R.T.: -0.028 min
Response: 32270542
Conc: 267.08 ug/ml



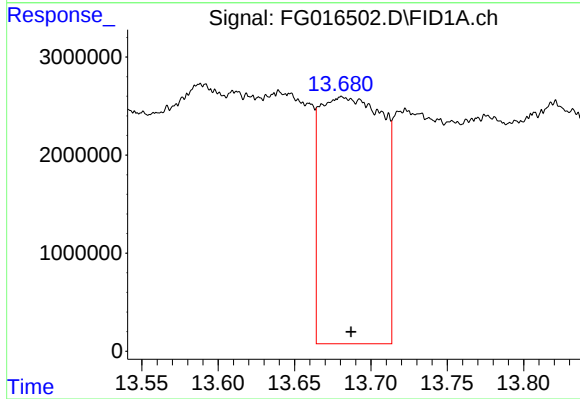
#9 ortho-Terphenyl (SURR)

R.T.: 12.120 min
Delta R.T.: 0.045 min
Response: 171519327
Conc: 1295.58 ug/ml



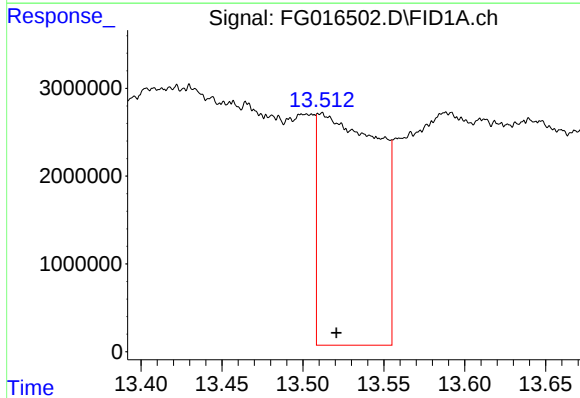
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.003 min
Response: 153050796
Conc: 1311.99 ug/ml



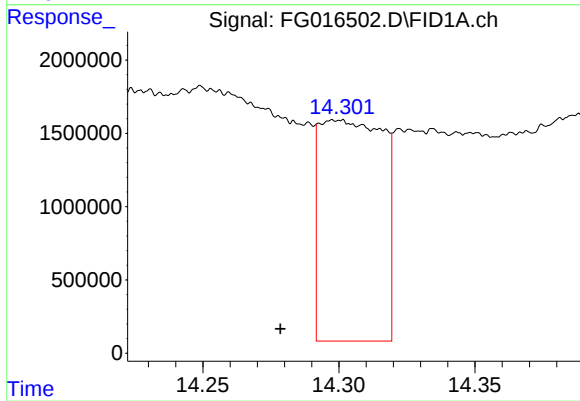
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.006 min
Response: 72253090
Conc: 628.61 ug/ml



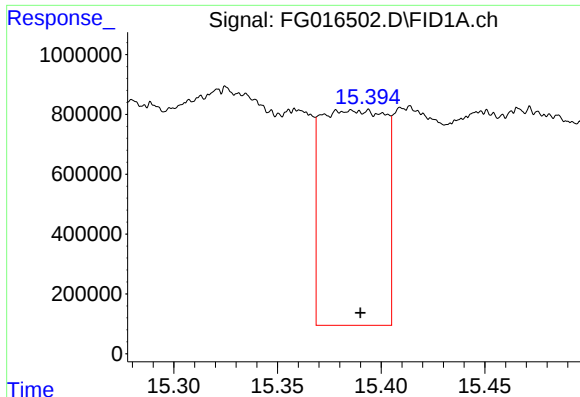
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.010 min
Response: 68928161
Conc: 684.77 ug/ml



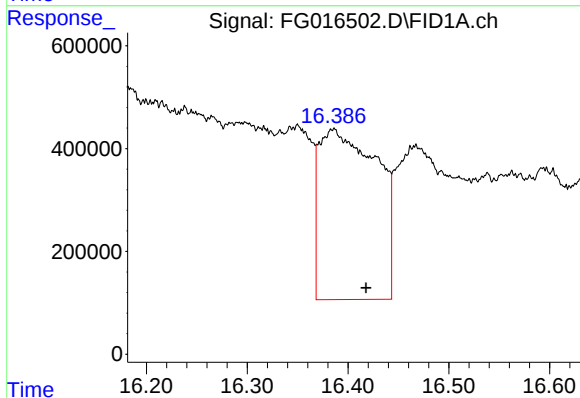
#13 n-Docosane (C22)

R.T.: 14.300 min
Delta R.T.: 0.021 min
Response: 24506887
Conc: 214.49 ug/ml



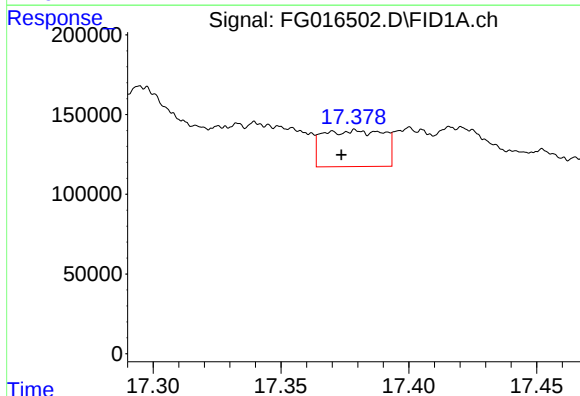
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: -0.004 min
Response: 15497748
Conc: 136.25 ug/ml



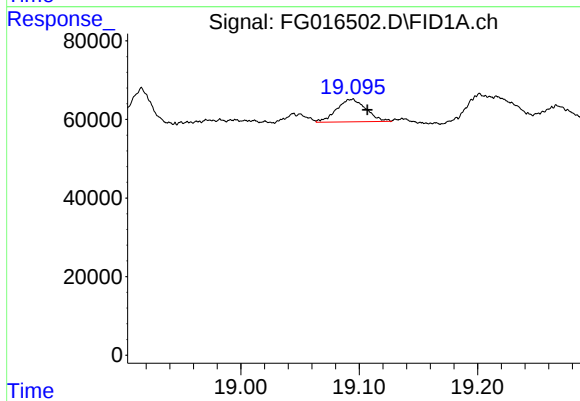
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.032 min
Response: 13197899
Conc: 118.86 ug/ml



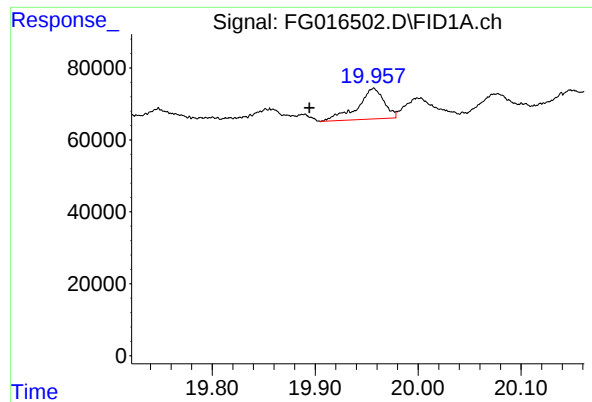
#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.006 min
Response: 379263
Conc: 3.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: -0.013 min
Response: 99355
Conc: 0.94 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.957 min
Delta R.T.: 0.062 min
Response: 151514
Conc: 1.58 ug/ml