

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090225AL\
 Data File : FG016500.D
 Signal(s) : FID1A.ch
 Acq On : 02 Sep 2025 15:41
 Operator : YP\AJ
 Sample : Q2982-01 10X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 05:10:37 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)	12.090	68017324	513.774 ug/ml
Spiked Amount 50.000		Recovery	= 1027.55%
12) S 1-chlorooctadecane (S...	13.498	10444921	103.765 ug/ml
Spiked Amount 50.000		Recovery	= 207.53%
Target Compounds			
6) T n-Tetradecane (C14)	8.685	431429	3.739 ug/ml
7) T n-Hexadecane (C16)	10.314	12838612	107.558 ug/ml
8) T n-Octadecane (C18)	11.756	47709866	394.865 ug/ml
10) T n-Eicosane (C20)	13.069	14230925	121.991 ug/ml
11) T n-Heneicosane (C21)	13.668	54819820	476.938 ug/ml
13) T n-Docosane (C22)	14.284	22807269	199.612 ug/ml
14) T n-Tetracosane (C24)	15.439	21402584	188.157 ug/ml
15) T n-Hexacosane (C26)	16.363f	24983305	224.995 ug/ml
16) T n-Octacosane (C28)	17.356	7518355	69.546 ug/ml
17) T n-Tricontane (C30)	18.260	395923	3.625 ug/ml

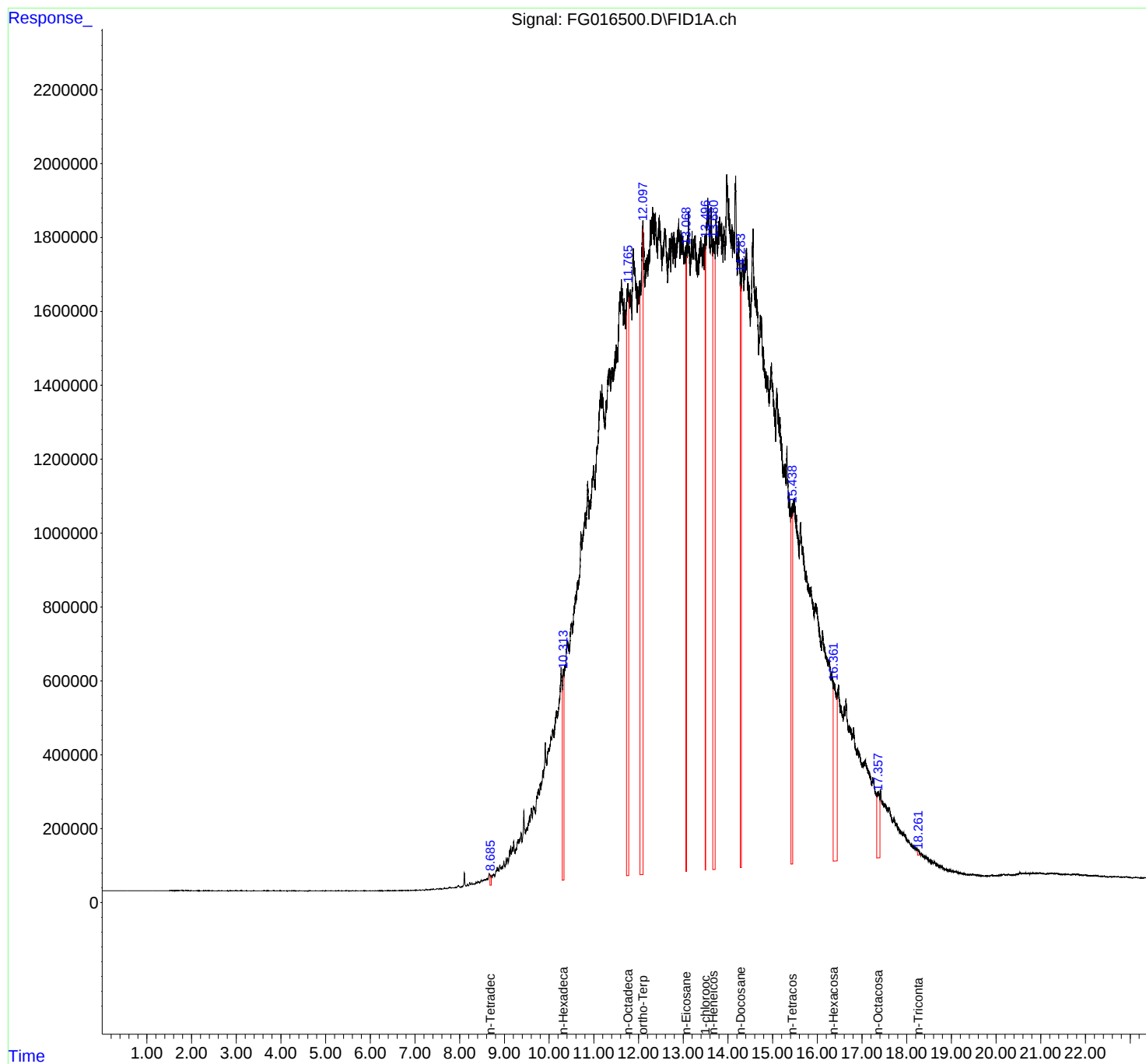
(f)=RT Delta > 1/2 Window

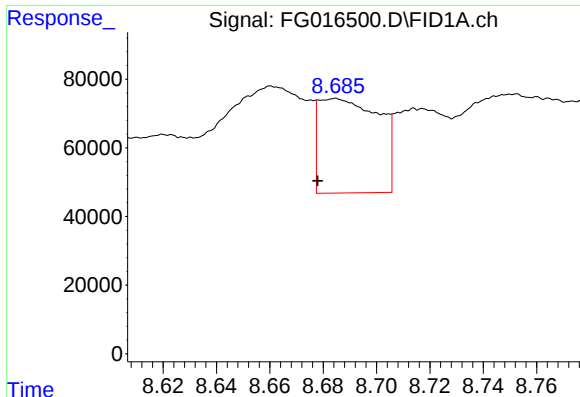
(m)=manual int.

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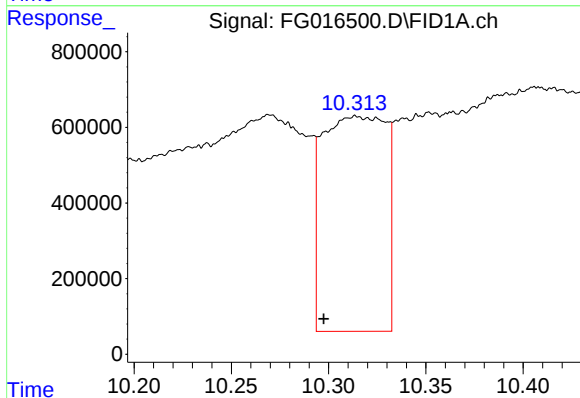
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





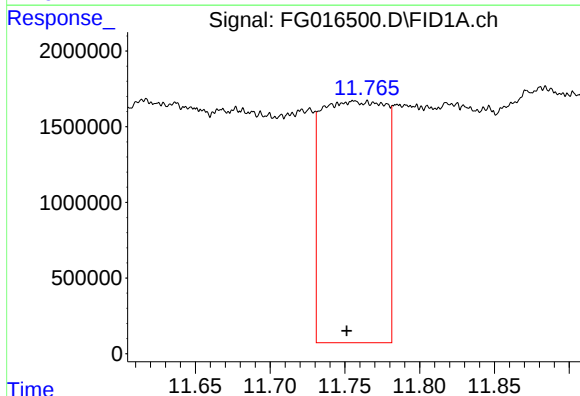
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.007 min
Response: 431429
Conc: 3.74 ug/ml



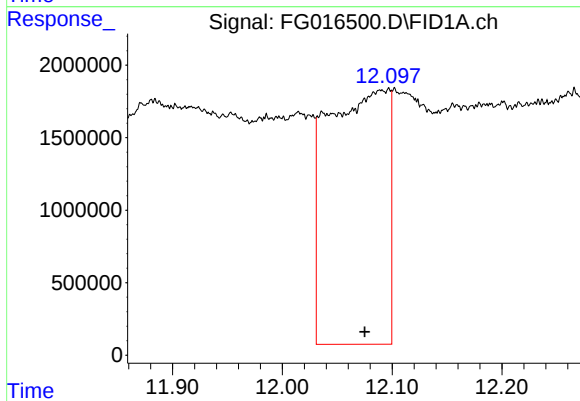
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.017 min
Response: 12838612
Conc: 107.56 ug/ml



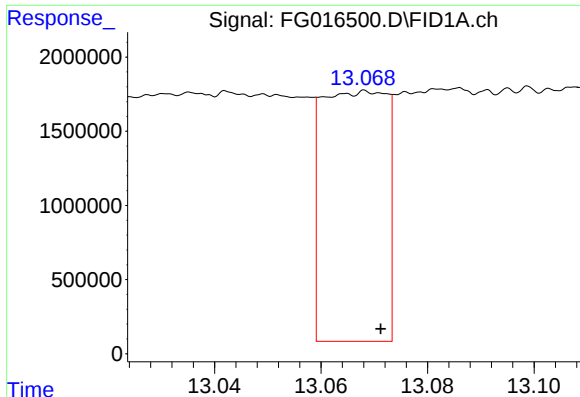
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: 0.005 min
Response: 47709866
Conc: 394.86 ug/ml



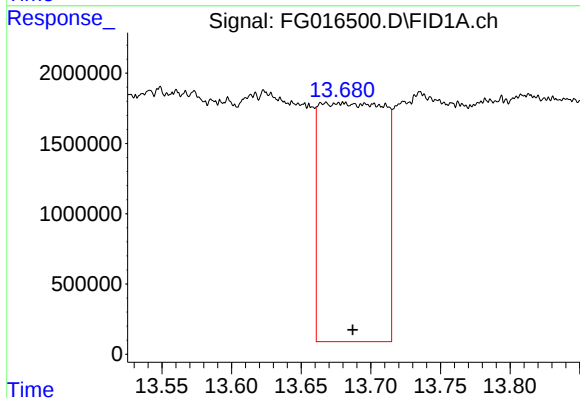
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.015 min
Response: 68017324
Conc: 513.77 ug/ml



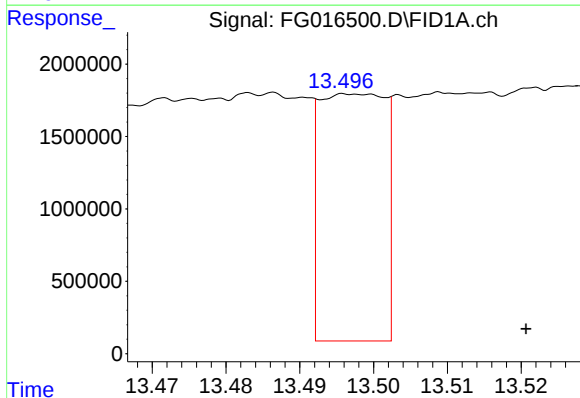
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.002 min
Response: 14230925
Conc: 121.99 ug/ml



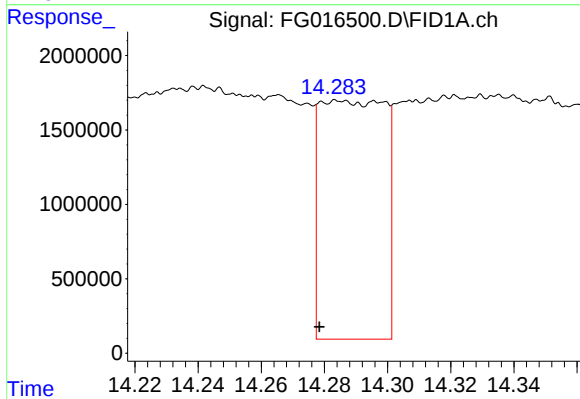
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.019 min
Response: 54819820
Conc: 476.94 ug/ml



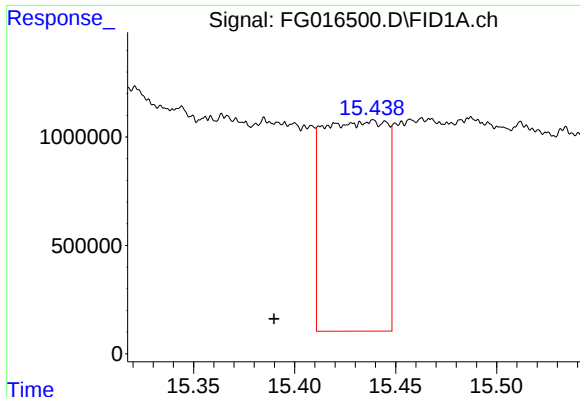
#12 1-chlorooctadecane (SURR)

R.T.: 13.498 min
Delta R.T.: -0.023 min
Response: 10444921
Conc: 103.77 ug/ml



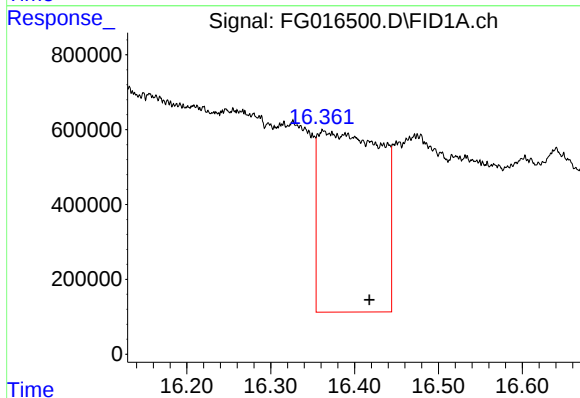
#13 n-Docosane (C22)

R.T.: 14.284 min
Delta R.T.: 0.006 min
Response: 22807269
Conc: 199.61 ug/ml



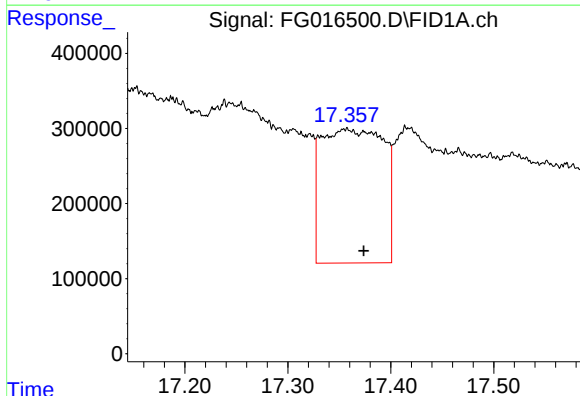
#14 n-Tetracosane (C24)

R.T.: 15.439 min
Delta R.T.: 0.049 min
Response: 21402584
Conc: 188.16 ug/ml



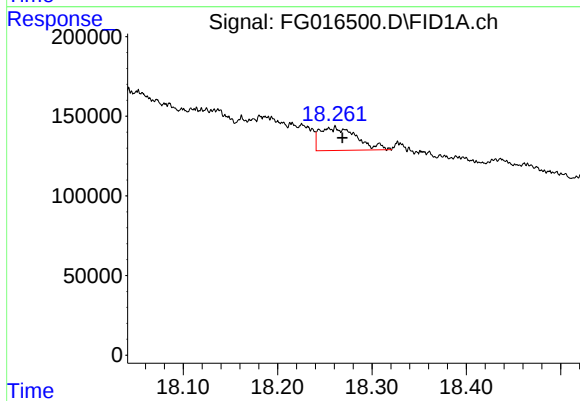
#15 n-Hexacosane (C26)

R.T.: 16.363 min
Delta R.T.: -0.055 min
Response: 24983305
Conc: 225.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.356 min
Delta R.T.: -0.017 min
Response: 7518355
Conc: 69.55 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: -0.008 min
Response: 395923
Conc: 3.62 ug/ml