

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016163.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 19:34
 Operator : YP\AJ
 Sample : Q2418-01DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 04:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.101	42140488	326.607 ug/ml
Spiked Amount 50.000		Recovery =	653.21%
12) S 1-chlorooctadecane (S...	13.537	9054073	89.854 ug/ml
Spiked Amount 50.000		Recovery =	179.71%
Target Compounds			
5) T A~2-methylnaphthalene...	7.532	44840	0.386 ug/ml
6) T n-Tetradecane (C14)	8.685	2612328	23.788 ug/ml
7) T n-Hexadecane (C16)	10.303	22932989	201.466 ug/ml
8) T n-Octadecane (C18)	11.771	27056823	232.417 ug/ml
10) T n-Eicosane (C20)	13.068	30077862	264.279 ug/ml
11) T n-Heneicosane (C21)	13.695	12294568	108.597 ug/ml
13) T n-Docosane (C22)	14.302	3867840	34.024 ug/ml
14) T n-Tetracosane (C24)	15.394	2344495	20.332 ug/ml
15) T n-Hexacosane (C26)	16.390	126508	1.099 ug/ml
16) T n-Octacosane (C28)	17.423	67674	0.596 ug/ml

(f)=RT Delta > 1/2 Window

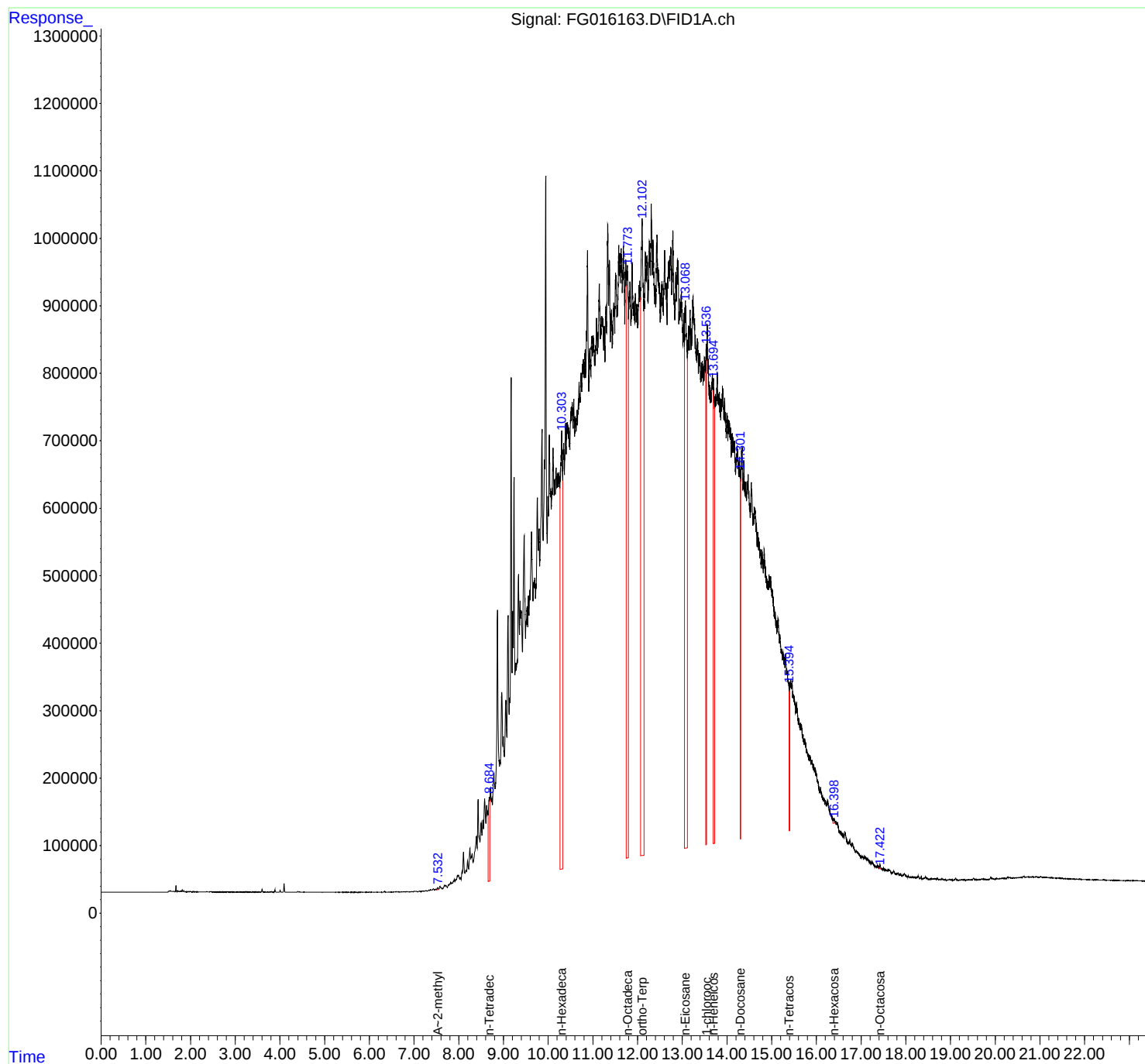
(m)=manual int.

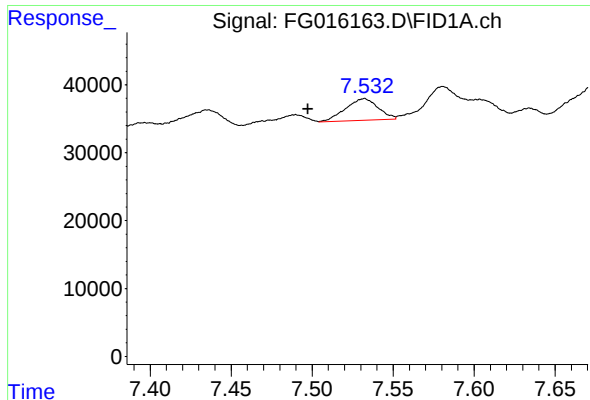
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Signal Info : 20M x 0.18mm x 0.18um

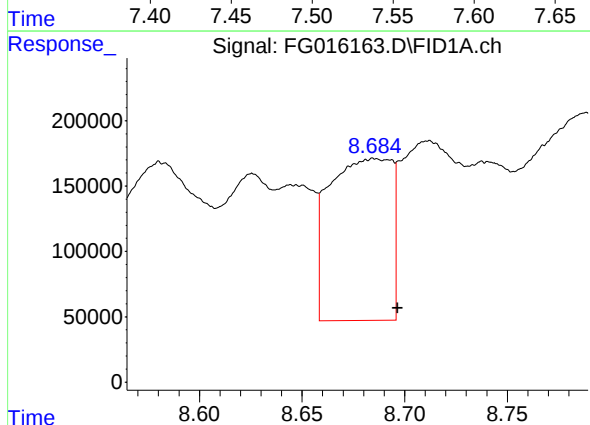




#5 A~2-methylnaphthalene (C12.89)

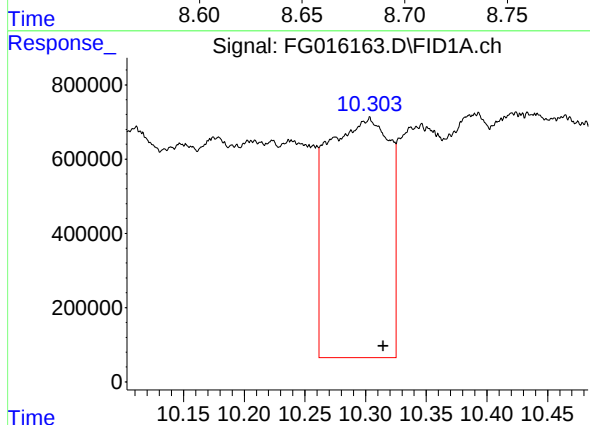
R.T.: 7.532 min
Delta R.T.: 0.035 min
Response: 44840
Conc: 0.39 ug/ml

Instrument :
FID_G
ClientSampleId :



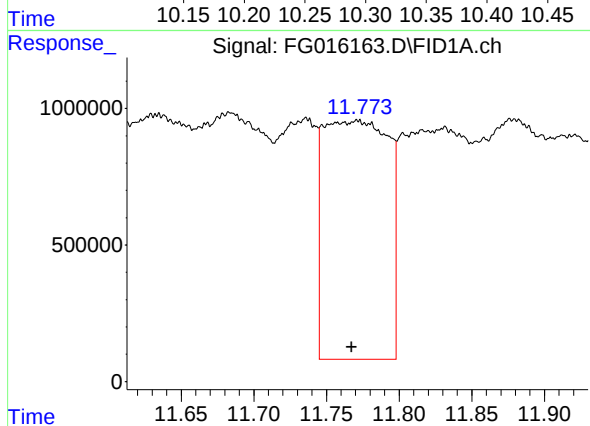
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: -0.011 min
Response: 2612328
Conc: 23.79 ug/ml



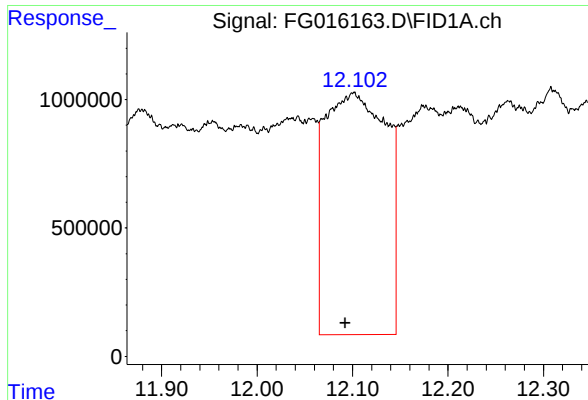
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.011 min
Response: 22932989
Conc: 201.47 ug/ml



#8 n-Octadecane (C18)

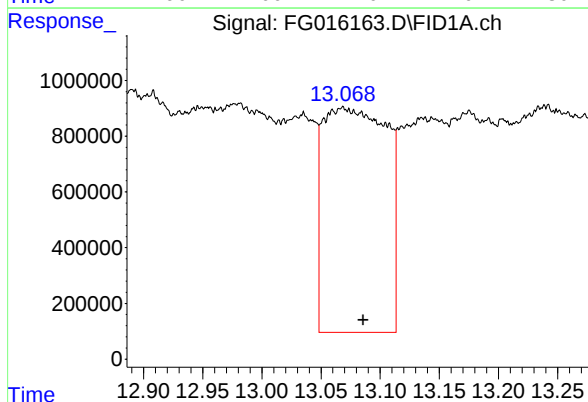
R.T.: 11.771 min
Delta R.T.: 0.004 min
Response: 27056823
Conc: 232.42 ug/ml



#9 ortho-Terphenyl (SURR)

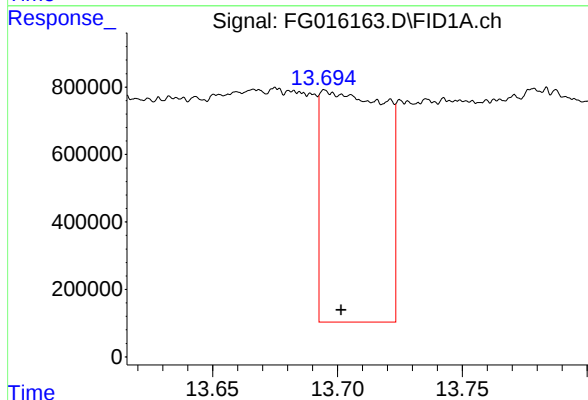
R.T.: 12.101 min
Delta R.T.: 0.009 min
Response: 42140488
Conc: 326.61 ug/ml

Instrument :
FID_G
ClientSampleId :



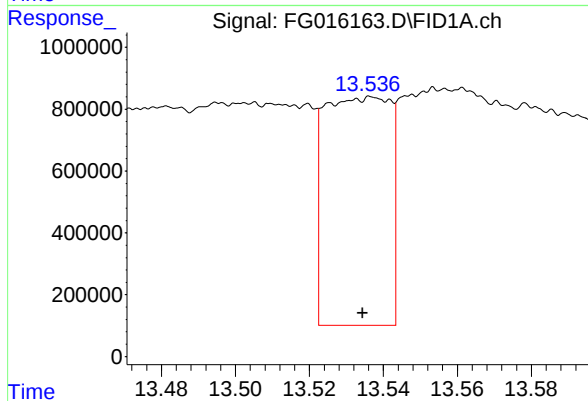
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.017 min
Response: 30077862
Conc: 264.28 ug/ml



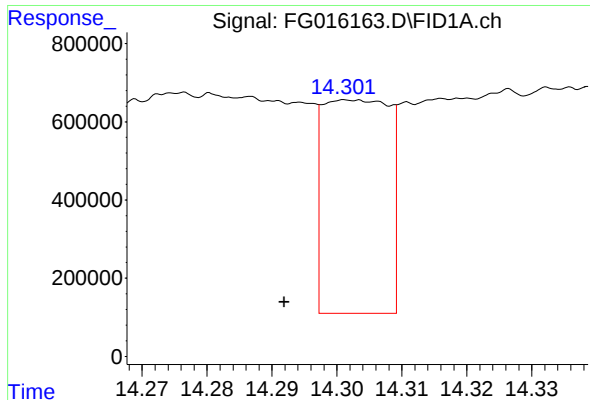
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: -0.006 min
Response: 12294568
Conc: 108.60 ug/ml



#12 1-chlorooctadecane (SURR)

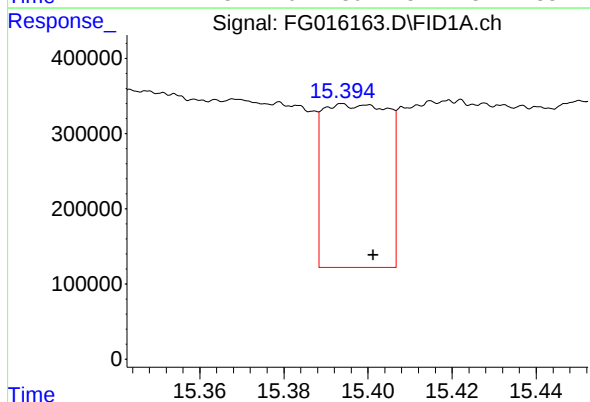
R.T.: 13.537 min
Delta R.T.: 0.003 min
Response: 9054073
Conc: 89.85 ug/ml



#13 n-Docosane (C22)

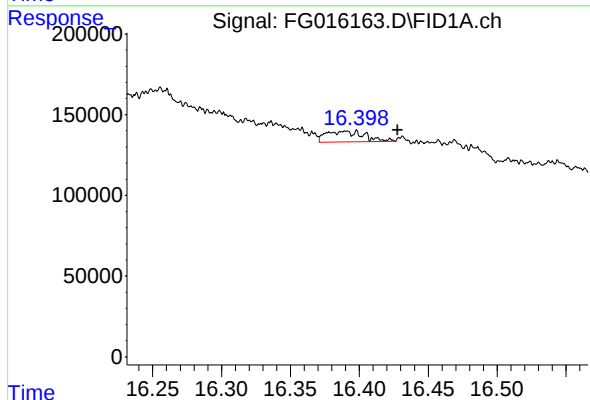
R.T.: 14.302 min
Delta R.T.: 0.010 min
Response: 3867840
Conc: 34.02 ug/ml

Instrument :
FID_G
ClientSampleId :



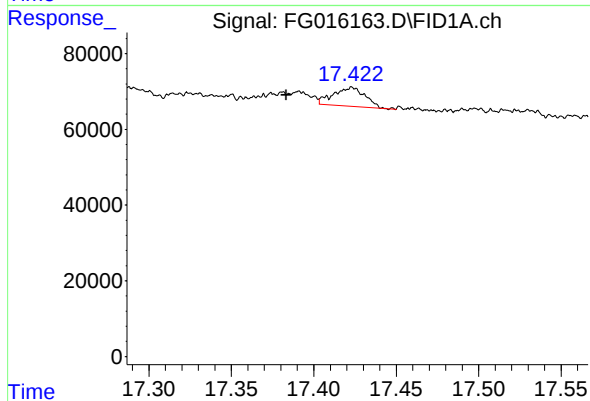
#14 n-Tetracosane (C24)

R.T.: 15.394 min
Delta R.T.: -0.007 min
Response: 2344495
Conc: 20.33 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.038 min
Response: 126508
Conc: 1.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.423 min
Delta R.T.: 0.040 min
Response: 67674
Conc: 0.60 ug/ml