

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016152.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 14:09
 Operator : YP\AJ
 Sample : Q2418-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 04:31:11 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)	12.085	58957028	456.942 ug/ml
Spiked Amount 50.000		Recovery =	913.88%
12) S 1-chlorooctadecane (S...	13.533	26988171	267.834 ug/ml
Spiked Amount 50.000		Recovery =	535.67%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.336f	53741	0.450 ug/ml
5) T A~2-methylnaphthalene...	7.492	375597	3.229 ug/ml
6) T n-Tetradecane (C14)	8.699	14457166	131.646 ug/ml
7) T n-Hexadecane (C16)	10.319	42705720	375.170 ug/ml
8) T n-Octadecane (C18)	11.775	23590124	202.638 ug/ml
10) T n-Eicosane (C20)	13.067	118775933	1043.623 ug/ml
11) T n-Heneicosane (C21)	13.707	38640361	341.308 ug/ml
13) T n-Docosane (C22)	14.302	30212568	265.765 ug/ml
14) T n-Tetracosane (C24)	15.387	24202753	209.891 ug/ml
15) T n-Hexacosane (C26)	16.414	11970236	104.019 ug/ml
16) T n-Octacosane (C28)	17.396	2820068	24.848 ug/ml
17) T n-Tricontane (C30)	18.275	121190	1.059 ug/ml
19) T n-Tetratriacontane (C34)	19.920	196443	1.986 ug/ml

(f)=RT Delta > 1/2 Window

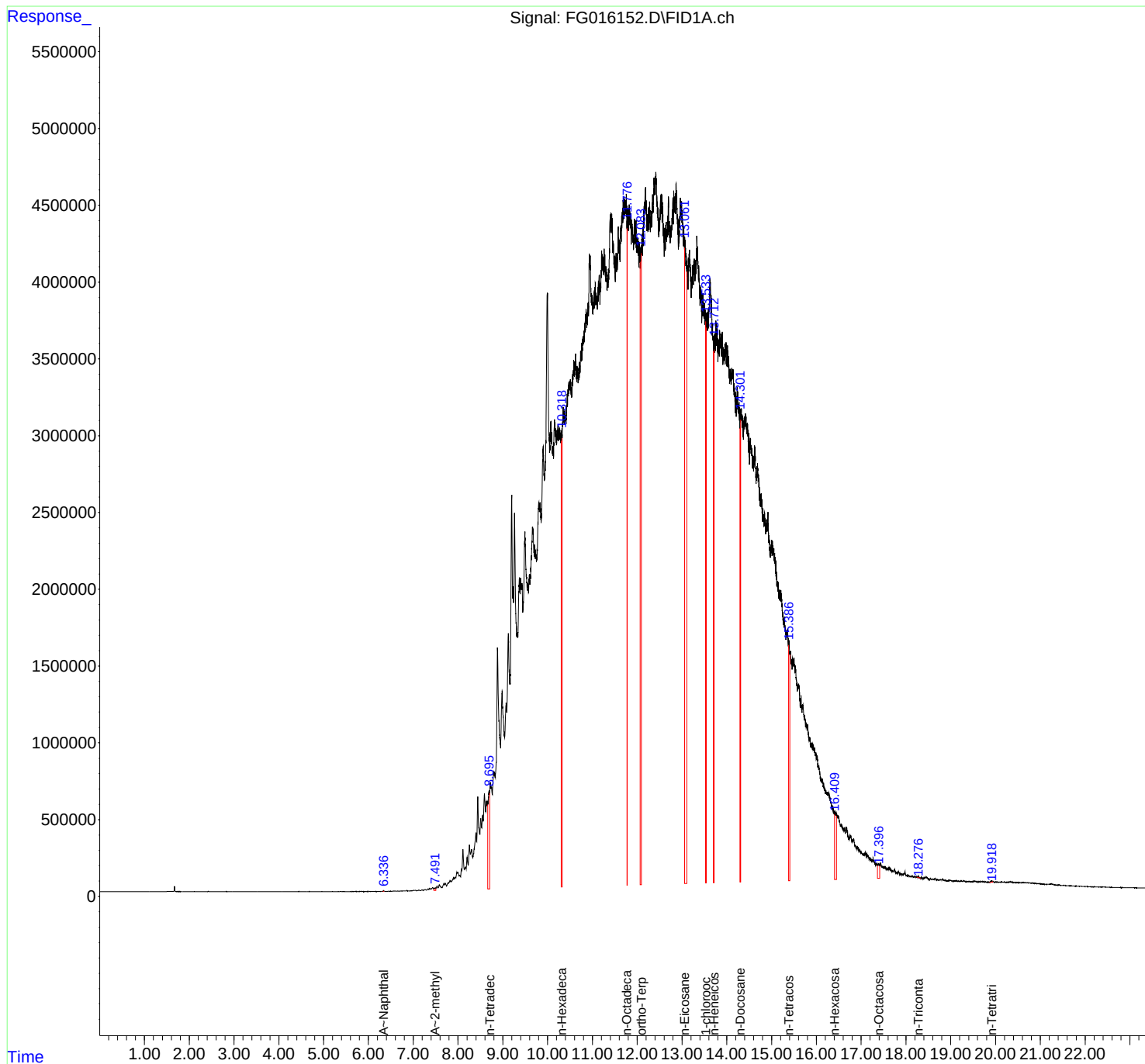
(m)=manual int.

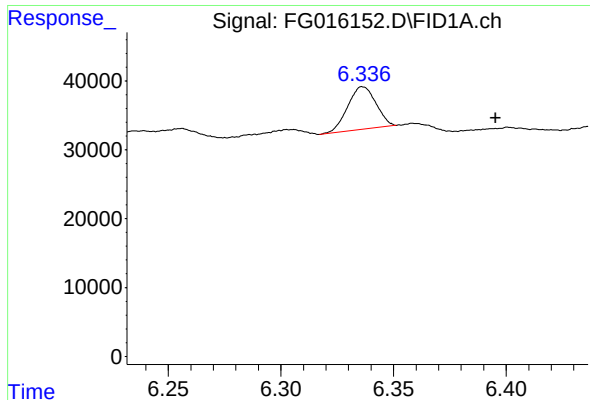
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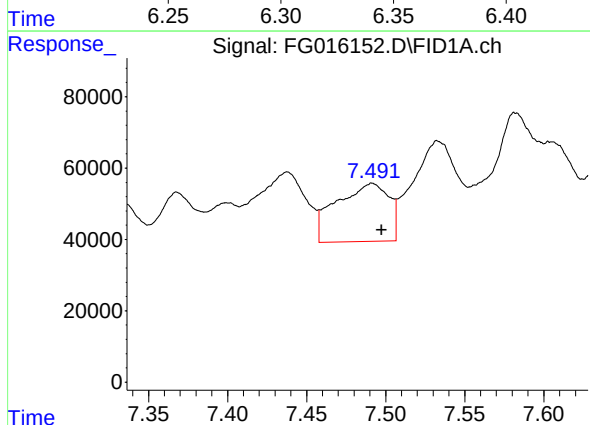
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: -0.059 min
Response: 53741
Conc: 0.45 ug/ml

Instrument :

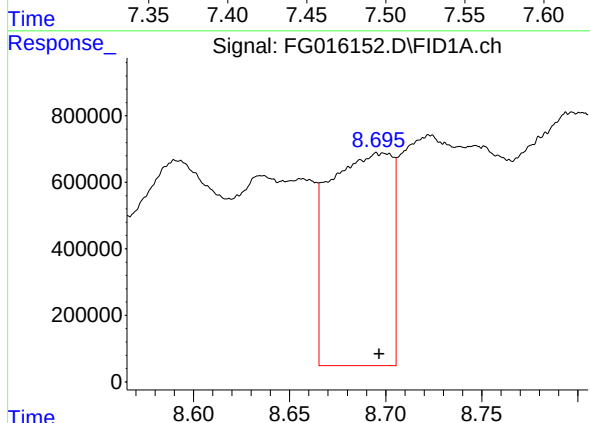
FID_G

ClientSampleId :



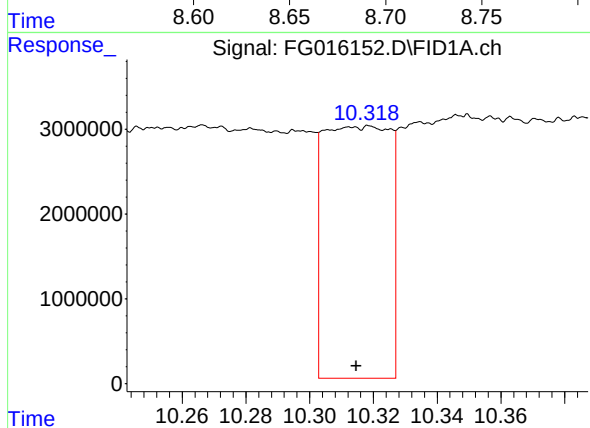
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: -0.006 min
Response: 375597
Conc: 3.23 ug/ml



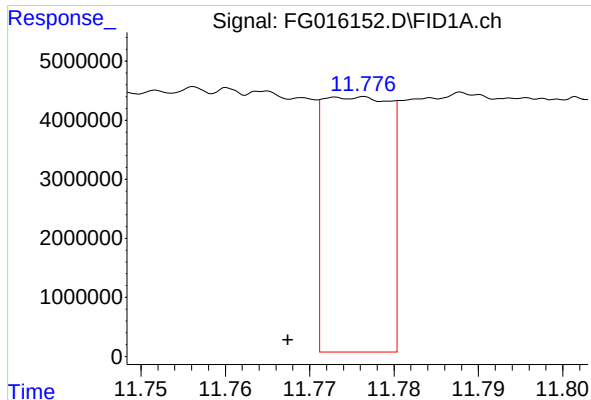
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.003 min
Response: 14457166
Conc: 131.65 ug/ml



#7 n-Hexadecane (C16)

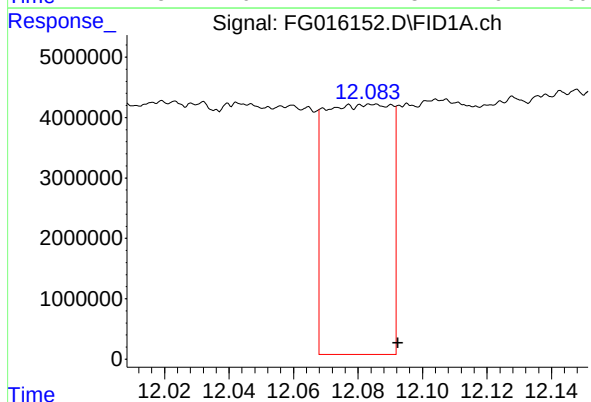
R.T.: 10.319 min
Delta R.T.: 0.004 min
Response: 42705720
Conc: 375.17 ug/ml



#8 n-Octadecane (C18)

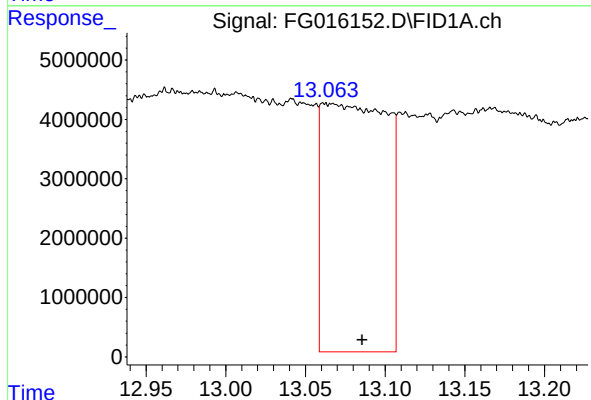
R.T.: 11.775 min
Delta R.T.: 0.008 min
Response: 23590124
Conc: 202.64 ug/ml

Instrument :
FID_G
ClientSampleId :



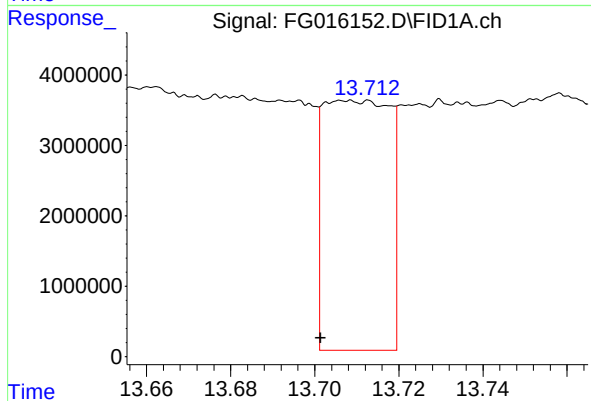
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: -0.008 min
Response: 58957028
Conc: 456.94 ug/ml



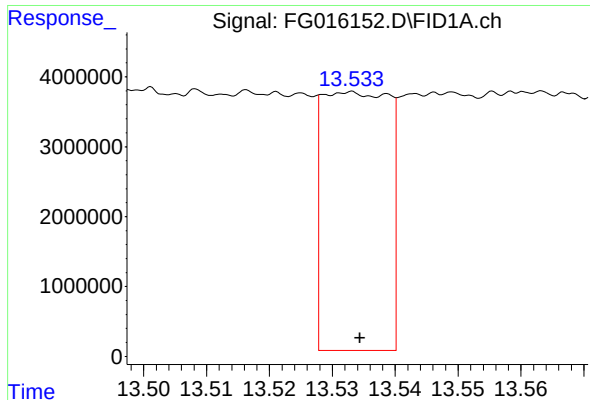
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.018 min
Response: 118775933
Conc: 1043.62 ug/ml



#11 n-Heneicosane (C21)

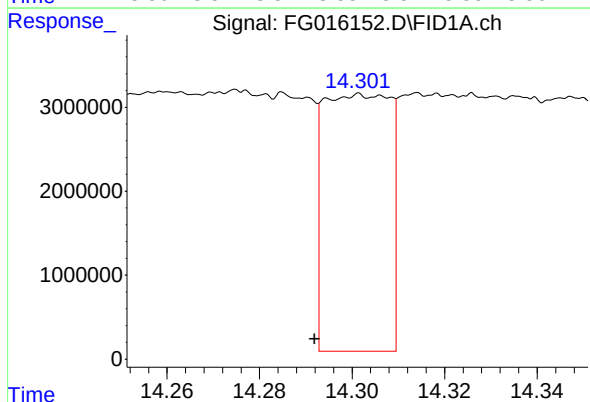
R.T.: 13.707 min
Delta R.T.: 0.006 min
Response: 38640361
Conc: 341.31 ug/ml



#12 1-chlorooctadecane (SURR)

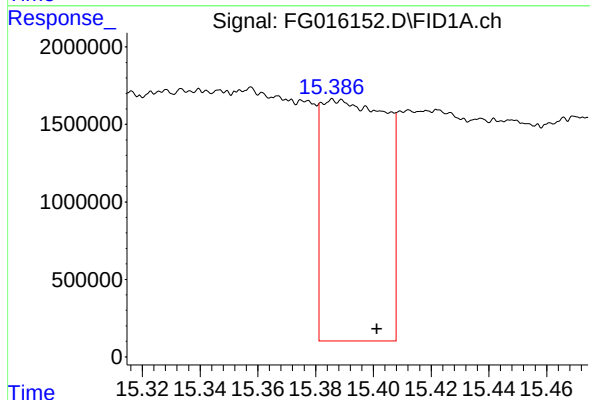
R.T.: 13.533 min
Delta R.T.: -0.002 min
Response: 26988171
Conc: 267.83 ug/ml

Instrument :
FID_G
ClientSampleId :



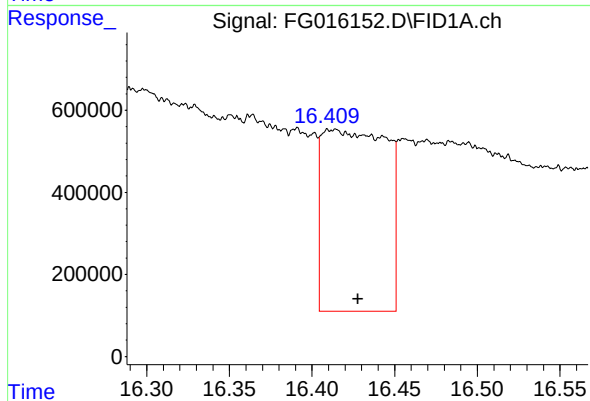
#13 n-Docosane (C22)

R.T.: 14.302 min
Delta R.T.: 0.010 min
Response: 30212568
Conc: 265.77 ug/ml



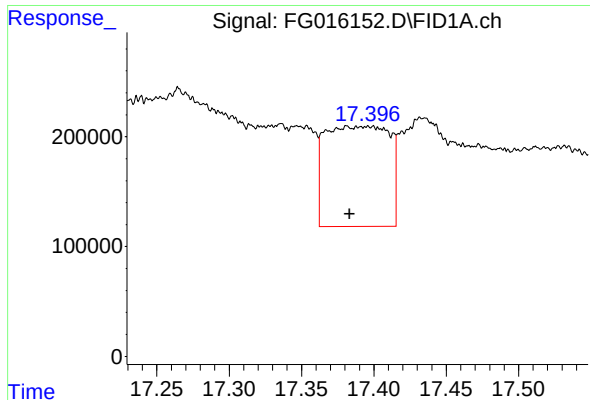
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: -0.015 min
Response: 24202753
Conc: 209.89 ug/ml



#15 n-Hexacosane (C26)

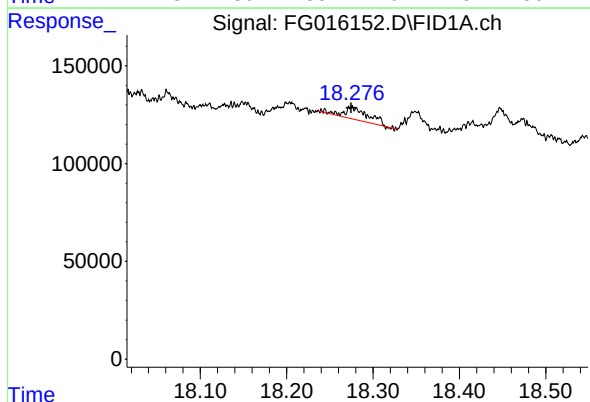
R.T.: 16.414 min
Delta R.T.: -0.014 min
Response: 11970236
Conc: 104.02 ug/ml



#16 n-Octacosane (C28)

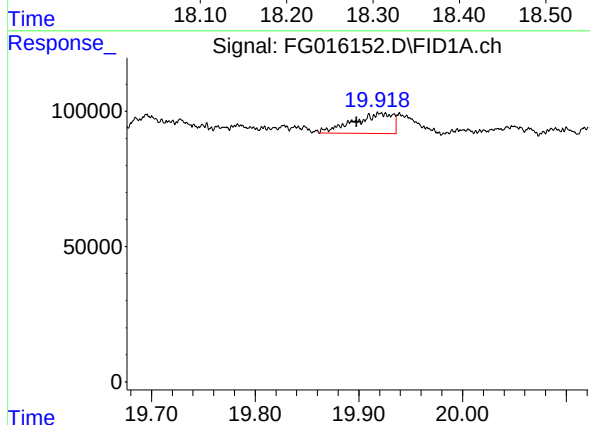
R.T.: 17.396 min
Delta R.T.: 0.013 min
Response: 2820068
Conc: 24.85 ug/ml

Instrument :
FID_G
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 121190
Conc: 1.06 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.920 min
Delta R.T.: 0.023 min
Response: 196443
Conc: 1.99 ug/ml