

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054551.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 21:01
 Operator : YP\AJ
 Sample : Q2383-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-5376

Integration File: autoint1.e
 Quant Time: Jun 24 03:09:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.898f	6452480	39.050 ug/ml
Spiked Amount 50.000		Recovery =	78.10%
12) S 1-chlorooctadecane (S...	13.339f	6890255	56.501 ug/ml
Spiked Amount 50.000		Recovery =	113.00%
Target Compounds			
2) T n-Decane (C10)	4.433	66835	0.538 ug/ml
3) T A~Naphthalene (C11.7)	6.174	98389	0.728 ug/ml
4) T n-Dodecane (C12)	6.617	691623	5.432 ug/ml
5) T A~2-methylnaphthalene...	7.274	454671	3.433 ug/ml
6) T n-Tetradecane (C14)	8.453	2934710	22.668 ug/ml
7) T n-Hexadecane (C16)	10.073	307497	2.315 ug/ml
13) T n-Docosane (C22)	13.999	26951640	205.547 ug/ml
14) T n-Tetracosane (C24)	15.170	43300209	335.676 ug/ml
15) T n-Hexacosane (C26)	16.140	985027	7.847 ug/ml
16) T n-Octacosane (C28)	17.088	3424817	27.928 ug/ml
17) T n-Tricontane (C30)	17.999	1772228	14.299 ug/ml
18) T n-Dotriacontane (C32)	18.808	2094124	16.667 ug/ml

(f)=RT Delta > 1/2 Window

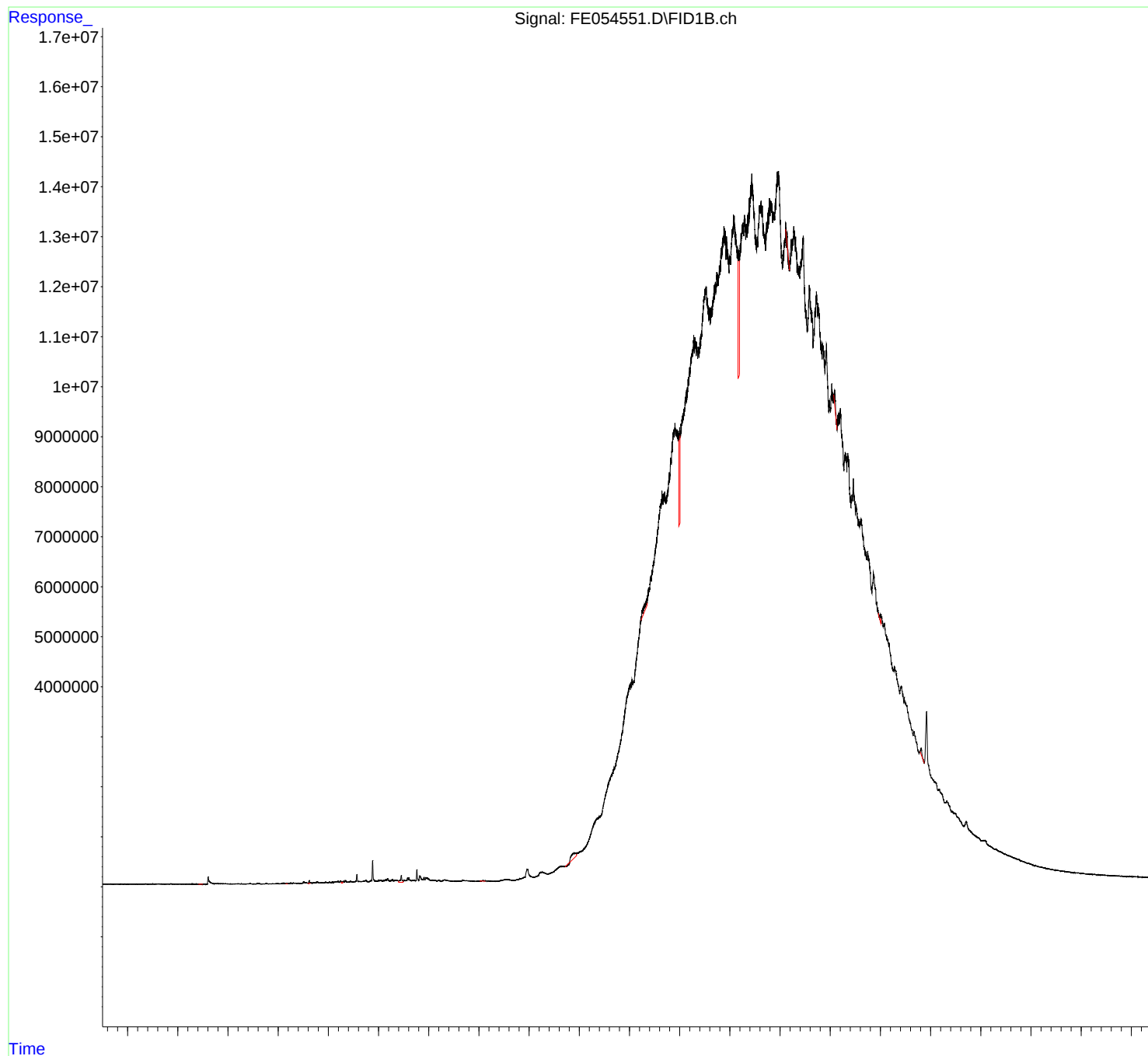
(m)=manual int.

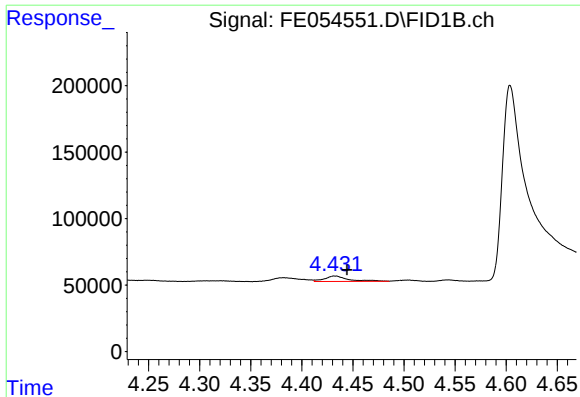
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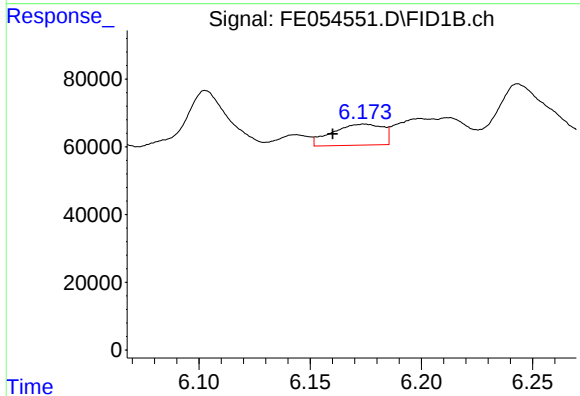




#2 n-Decane (C10)

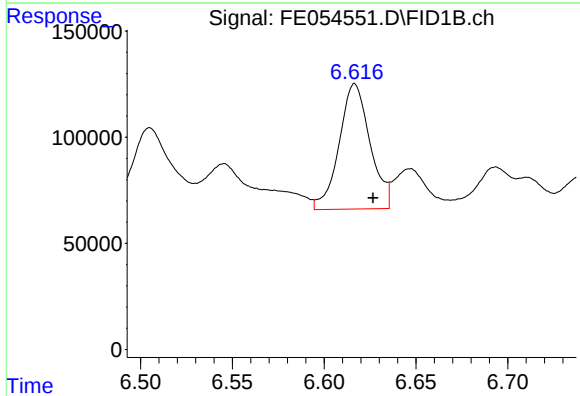
R.T.: 4.433 min
Delta R.T.: -0.012 min
Response: 66835
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376



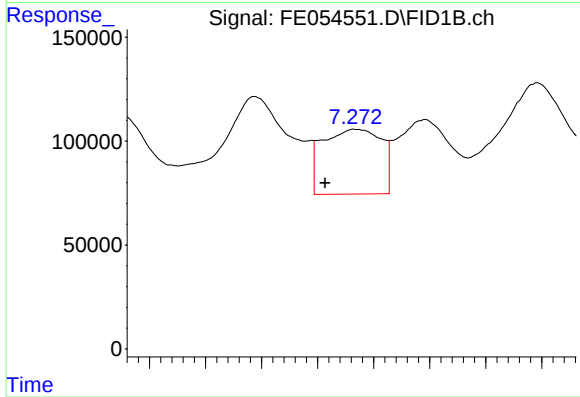
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: 0.014 min
Response: 98389
Conc: 0.73 ug/ml



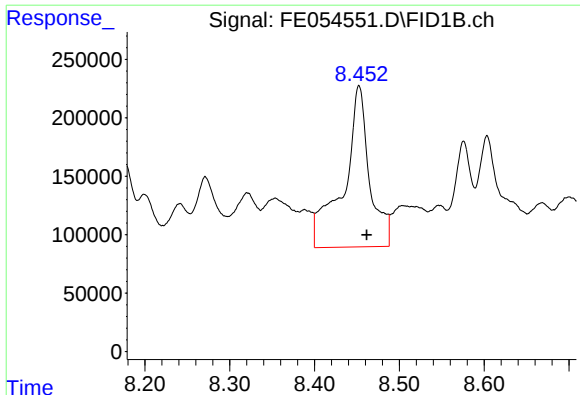
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: -0.010 min
Response: 691623
Conc: 5.43 ug/ml



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

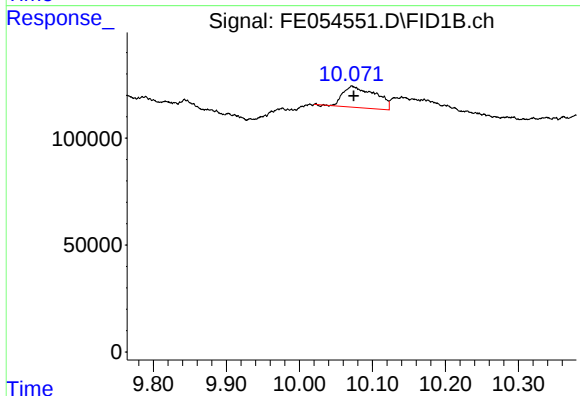
R.T.: 7.274 min
Delta R.T.: 0.012 min
Response: 454671
Conc: 3.43 ug/ml



#6 n-Tetradecane (C14)

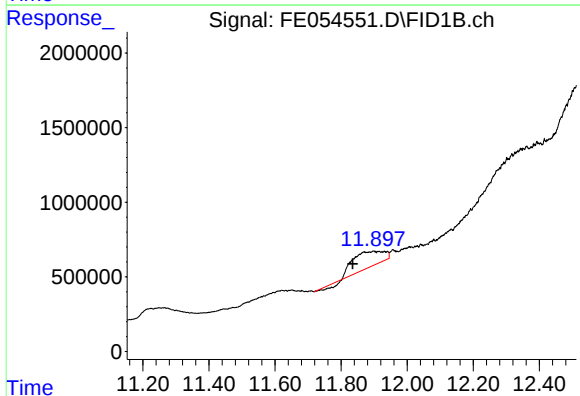
R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 2934710
Conc: 22.67 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376



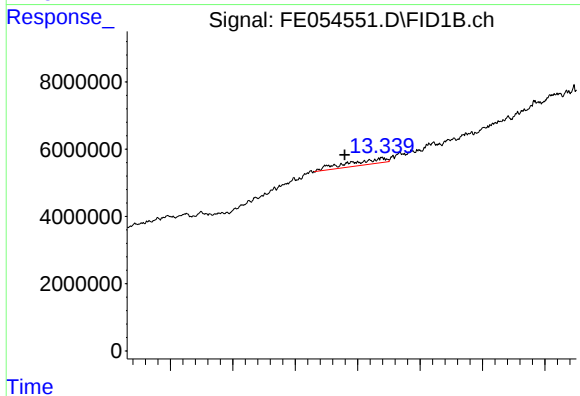
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.002 min
Response: 307497
Conc: 2.31 ug/ml



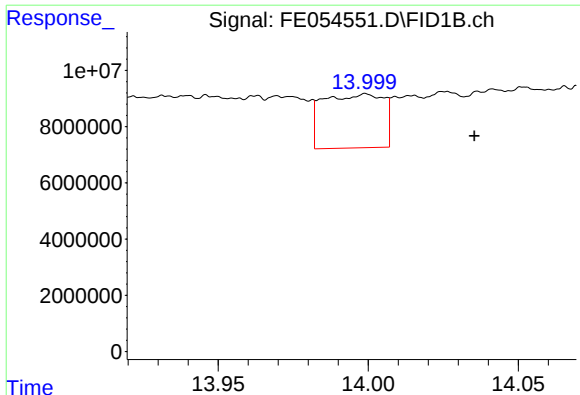
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: 0.063 min
Response: 6452480
Conc: 39.05 ug/ml



#12 1-chlorooctadecane (SURR)

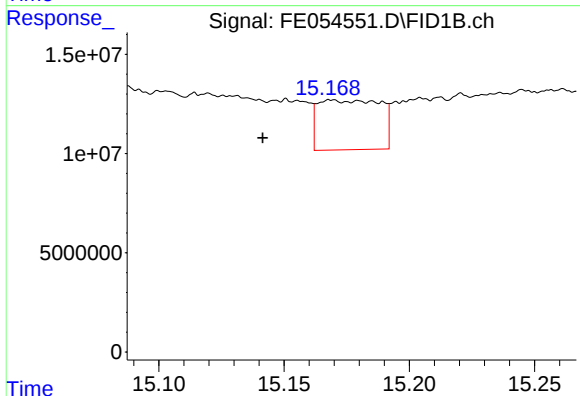
R.T.: 13.339 min
Delta R.T.: 0.059 min
Response: 6890255
Conc: 56.50 ug/ml



#13 n-Docosane (C22)

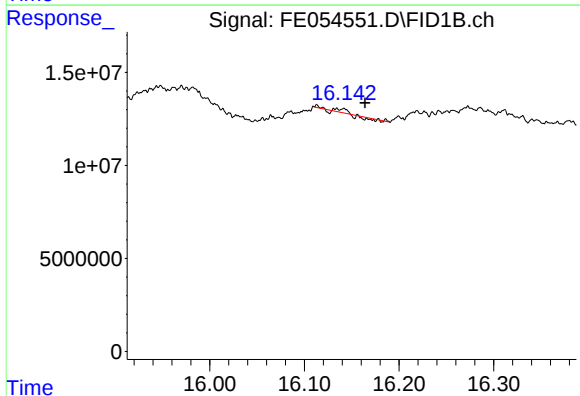
R.T.: 13.999 min
Delta R.T.: -0.036 min
Response: 26951640
Conc: 205.55 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376



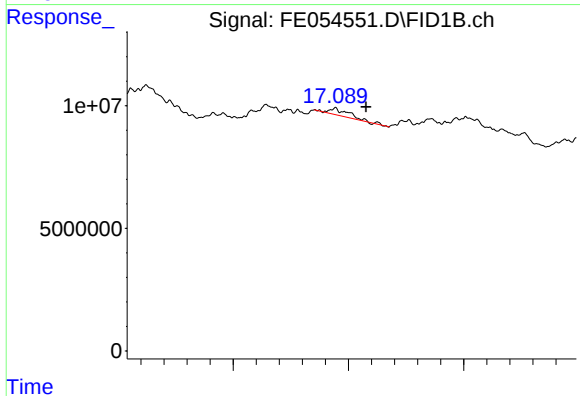
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.028 min
Response: 43300209
Conc: 335.68 ug/ml



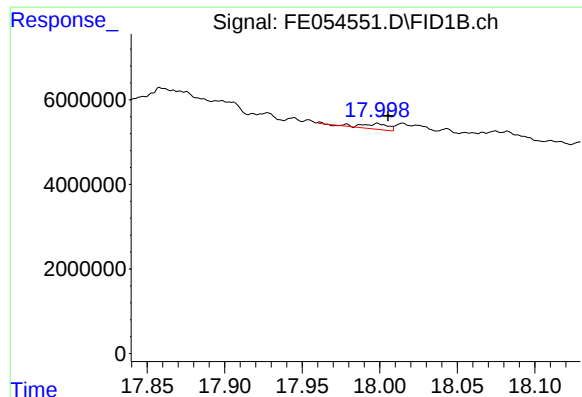
#15 n-Hexacosane (C26)

R.T.: 16.140 min
Delta R.T.: -0.024 min
Response: 985027
Conc: 7.85 ug/ml



#16 n-Octacosane (C28)

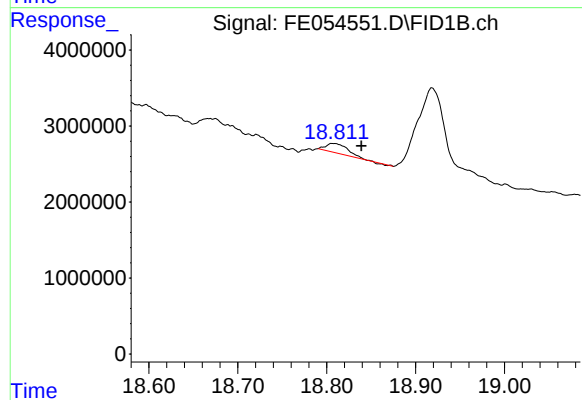
R.T.: 17.088 min
Delta R.T.: -0.027 min
Response: 3424817
Conc: 27.93 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.007 min
Response: 1772228
Conc: 14.30 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-5376



#18 n-Dotriacontane (C32)

R.T.: 18.808 min
Delta R.T.: -0.031 min
Response: 2094124
Conc: 16.67 ug/ml