

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054509.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 07:52
 Operator : YP\AJ
 Sample : Q2355-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3897

Integration File: autoint1.e
 Quant Time: Jun 20 23:21:46 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)	11.831	6995070	42.334 ug/ml
Spiked Amount 50.000		Recovery =	84.67%
12) S 1-chlorooctadecane (S...	13.277	2279626	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
4) T n-Dodecane (C12)	6.620	36435	0.286 ug/ml
5) T A~2-methylnaphthalene...	7.301	31414	0.237 ug/ml
6) T n-Tetradecane (C14)	8.453	176882	1.366 ug/ml
7) T n-Hexadecane (C16)	10.067	69009	0.519 ug/ml
8) T n-Octadecane (C18)	11.518	209757	1.553 ug/ml
10) T n-Eicosane (C20)	12.827	1032382	7.717 ug/ml
11) T n-Heneicosane (C21)	13.441	662837	4.985 ug/ml
13) T n-Docosane (C22)	14.028	605280	4.616 ug/ml
14) T n-Tetracosane (C24)	15.154	4467591	34.634 ug/ml
15) T n-Hexacosane (C26)	16.196	1520492	12.113 ug/ml
17) T n-Tricontane (C30)	18.034	1071008	8.641 ug/ml
18) T n-Dotriacontane (C32)	18.854	433094	3.447 ug/ml
19) T n-Tetratriacontane (C34)	19.613	1812750	14.571 ug/ml
20) T n-Hexatriacontane (C36)	20.394	173426	1.347 ug/ml

(f)=RT Delta > 1/2 Window

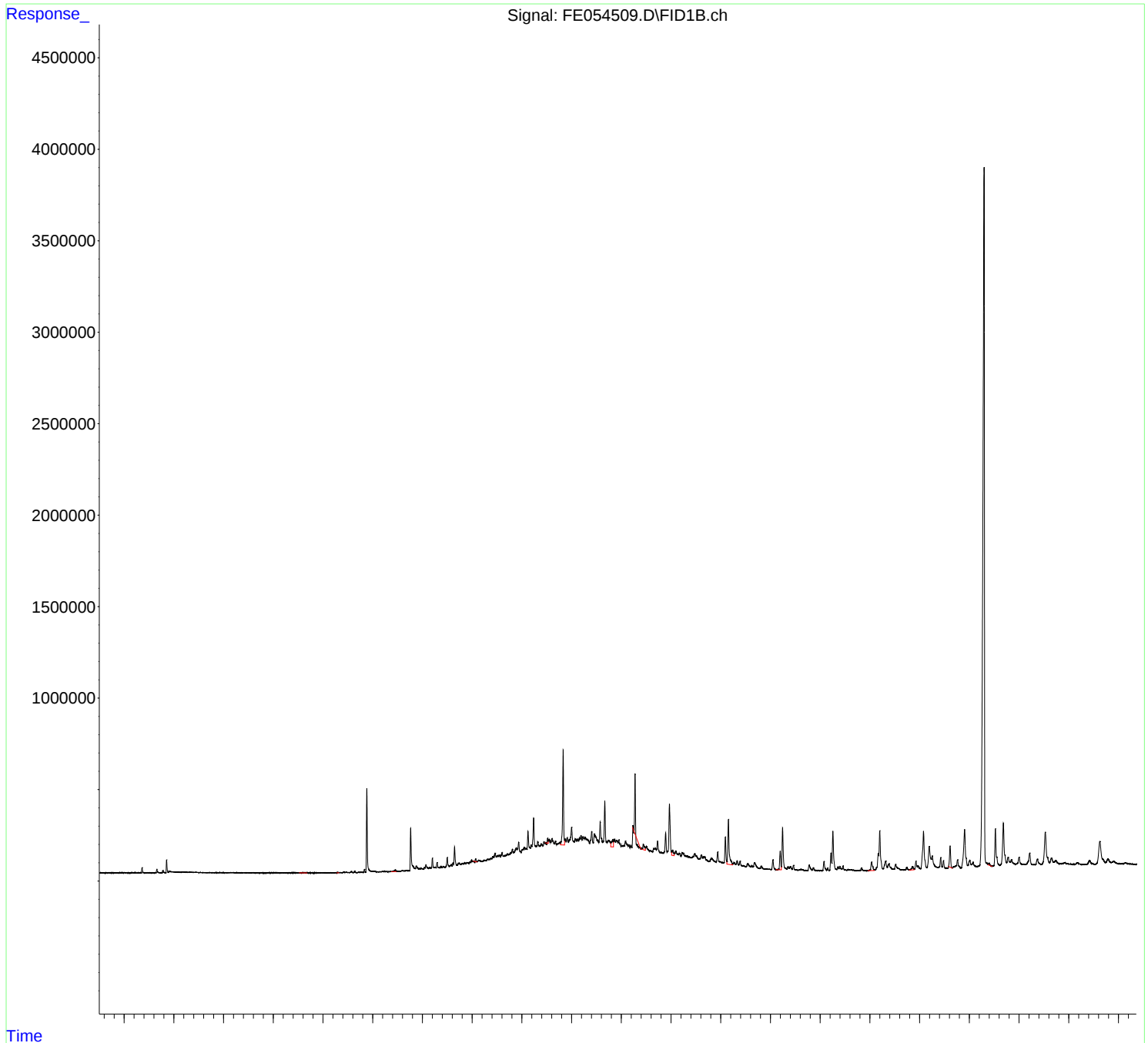
(m)=manual int.

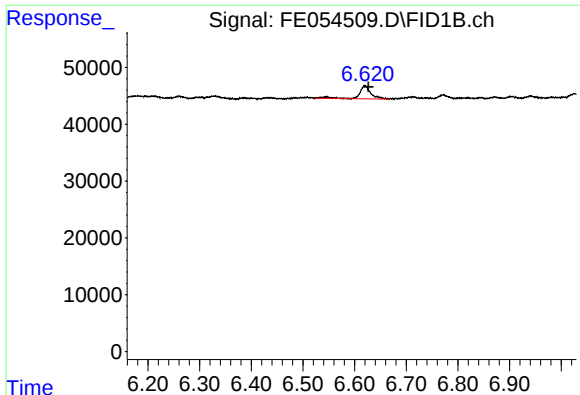
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
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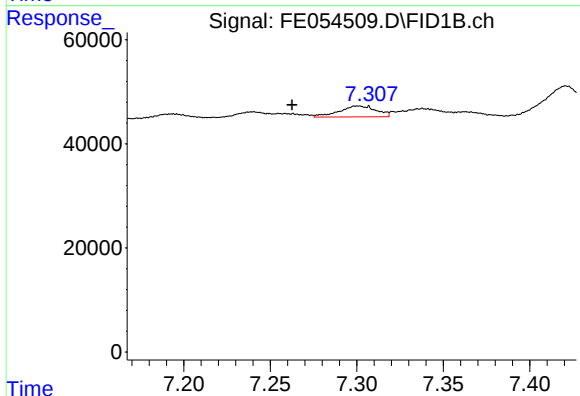




#4 n-Dodecane (C12)

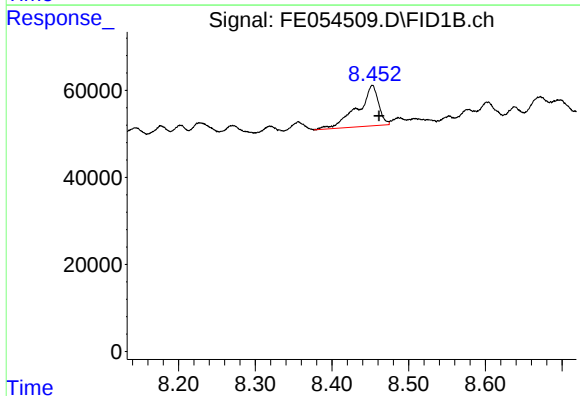
R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 36435
Conc: 0.29 ug/ml

Instrument :
FID_E
ClientSampleId :
3897



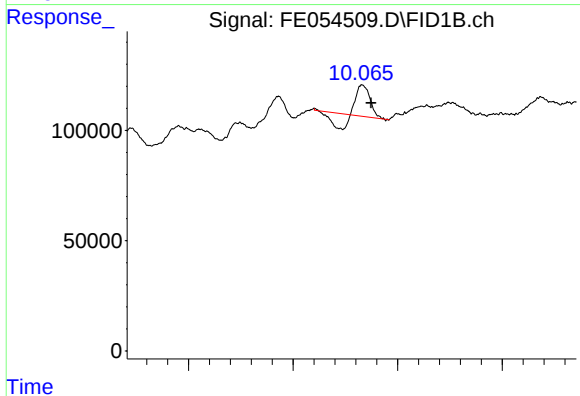
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: 0.039 min
Response: 31414
Conc: 0.24 ug/ml



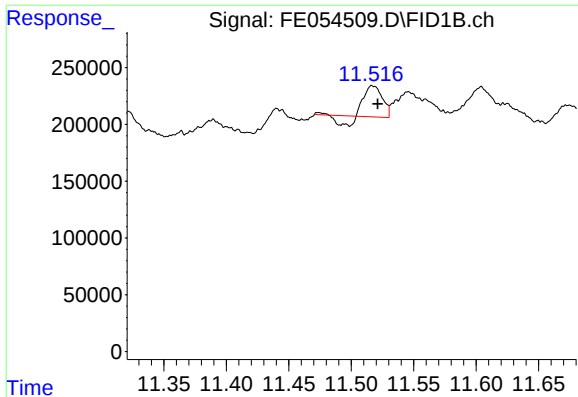
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 176882
Conc: 1.37 ug/ml



#7 n-Hexadecane (C16)

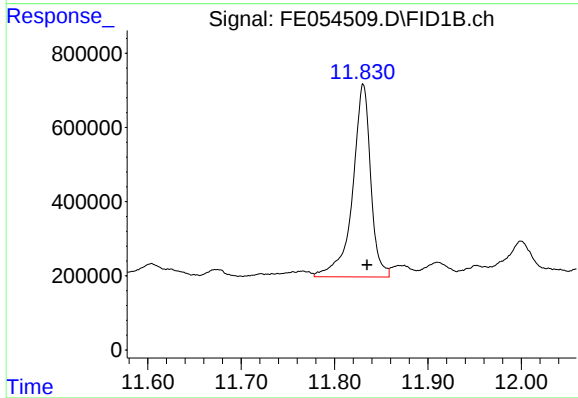
R.T.: 10.067 min
Delta R.T.: -0.008 min
Response: 69009
Conc: 0.52 ug/ml



#8 n-Octadecane (C18)

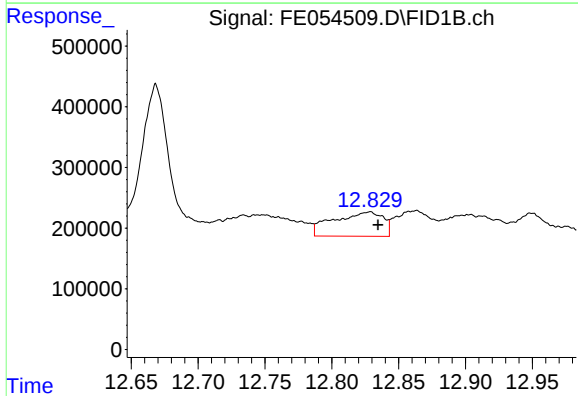
R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 209757
Conc: 1.55 ug/ml

Instrument :
FID_E
ClientSampleId :
3897



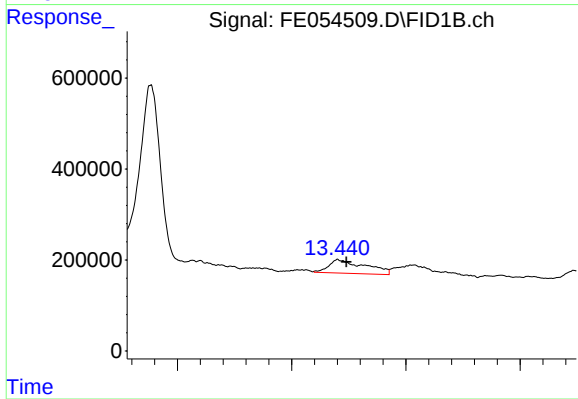
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.004 min
Response: 6995070
Conc: 42.33 ug/ml



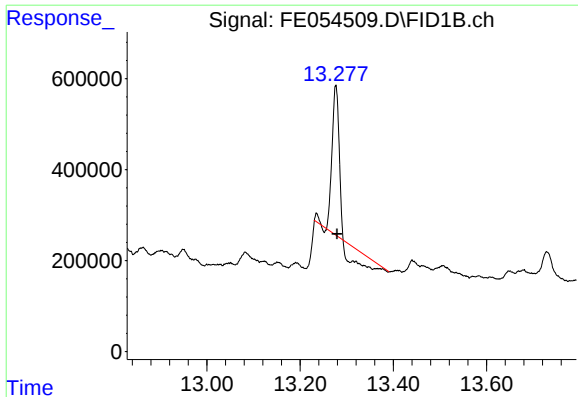
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.007 min
Response: 1032382
Conc: 7.72 ug/ml



#11 n-Heneicosane (C21)

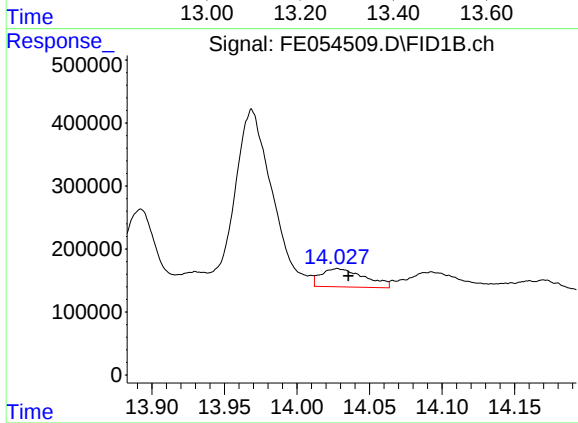
R.T.: 13.441 min
Delta R.T.: -0.006 min
Response: 662837
Conc: 4.98 ug/ml



#12 1-chlorooctadecane (SURR)

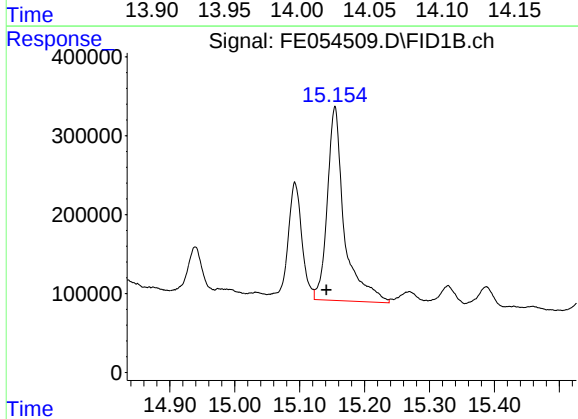
R.T.: 13.277 min
Delta R.T.: -0.003 min
Response: 2279626
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
3897



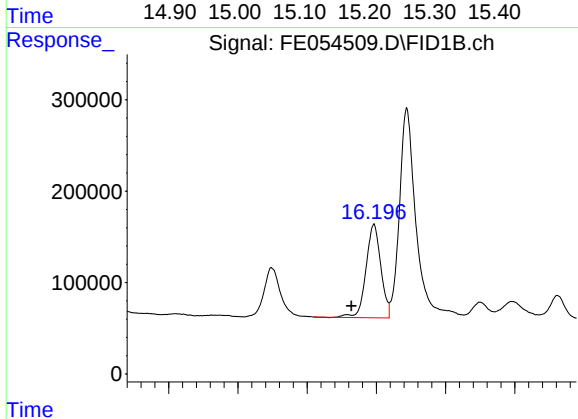
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.007 min
Response: 605280
Conc: 4.62 ug/ml



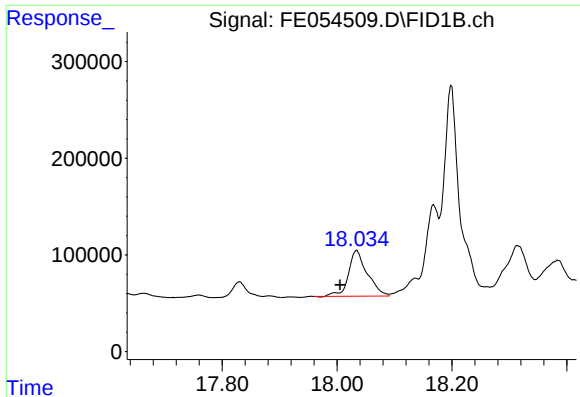
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.013 min
Response: 4467591
Conc: 34.63 ug/ml



#15 n-Hexacosane (C26)

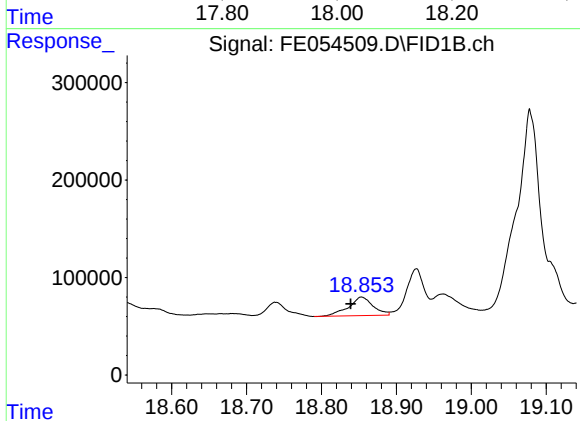
R.T.: 16.196 min
Delta R.T.: 0.032 min
Response: 1520492
Conc: 12.11 ug/ml



#17 n-Tricontane (C30)

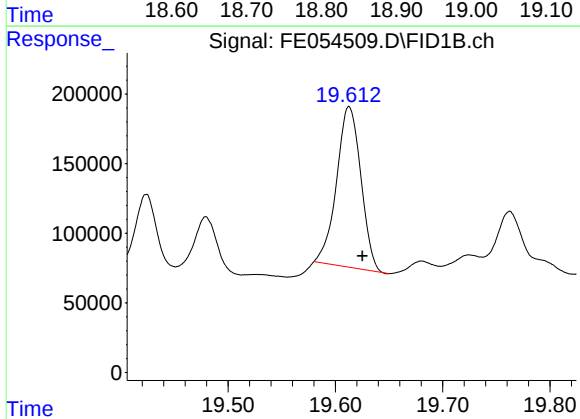
R.T.: 18.034 min
Delta R.T.: 0.029 min
Response: 1071008
Conc: 8.64 ug/ml

Instrument :
FID_E
ClientSampleId :
3897



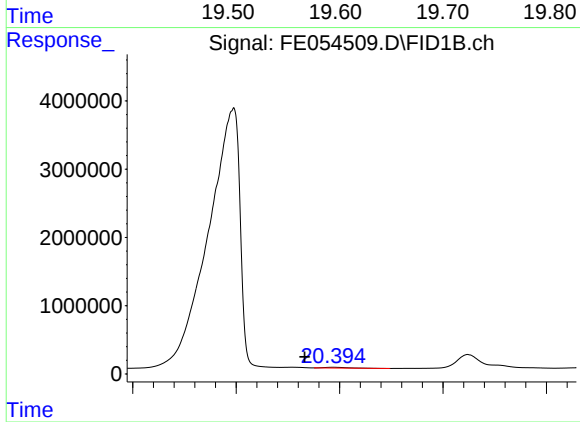
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.015 min
Response: 433094
Conc: 3.45 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.613 min
Delta R.T.: -0.012 min
Response: 1812750
Conc: 14.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.028 min
Response: 173426
Conc: 1.35 ug/ml