

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052590.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2025 16:18
 Operator : YP\AJ
 Sample : Q1480-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1

Integration File: autoint1.e
 Quant Time: Mar 05 05:07:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.914	5050359	29.957 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
12) S 1-chlorooctadecane (S...	13.359	7550673	62.183 ug/ml
Spiked Amount 50.000		Recovery =	124.37%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.227	816362	4.814 ug/ml
5) T A~2-methylnaphthalene...	7.329	508231	3.136 ug/ml
6) T n-Tetradecane (C14)	8.506	129277	0.854 ug/ml
7) T n-Hexadecane (C16)	10.153	900951	5.893 ug/ml
8) T n-Octadecane (C18)	11.596	254007	1.670 ug/ml
10) T n-Eicosane (C20)	12.908	1648560	11.356 ug/ml
11) T n-Heneicosane (C21)	13.537	1835313	12.895 ug/ml
13) T n-Docosane (C22)	14.105	1703334	11.969 ug/ml
14) T n-Tetracosane (C24)	15.213	11292768	78.910 ug/ml
15) T n-Hexacosane (C26)	16.256	821704	5.779 ug/ml
16) T n-Octacosane (C28)	17.209	2498549	17.571 ug/ml
17) T n-Tricontane (C30)	18.099	474851	3.215 ug/ml
18) T n-Dotriacontane (C32)	18.972f	267870	1.845 ug/ml
19) T n-Tetratriacontane (C34)	19.757f	287933	2.136 ug/ml

(f)=RT Delta > 1/2 Window

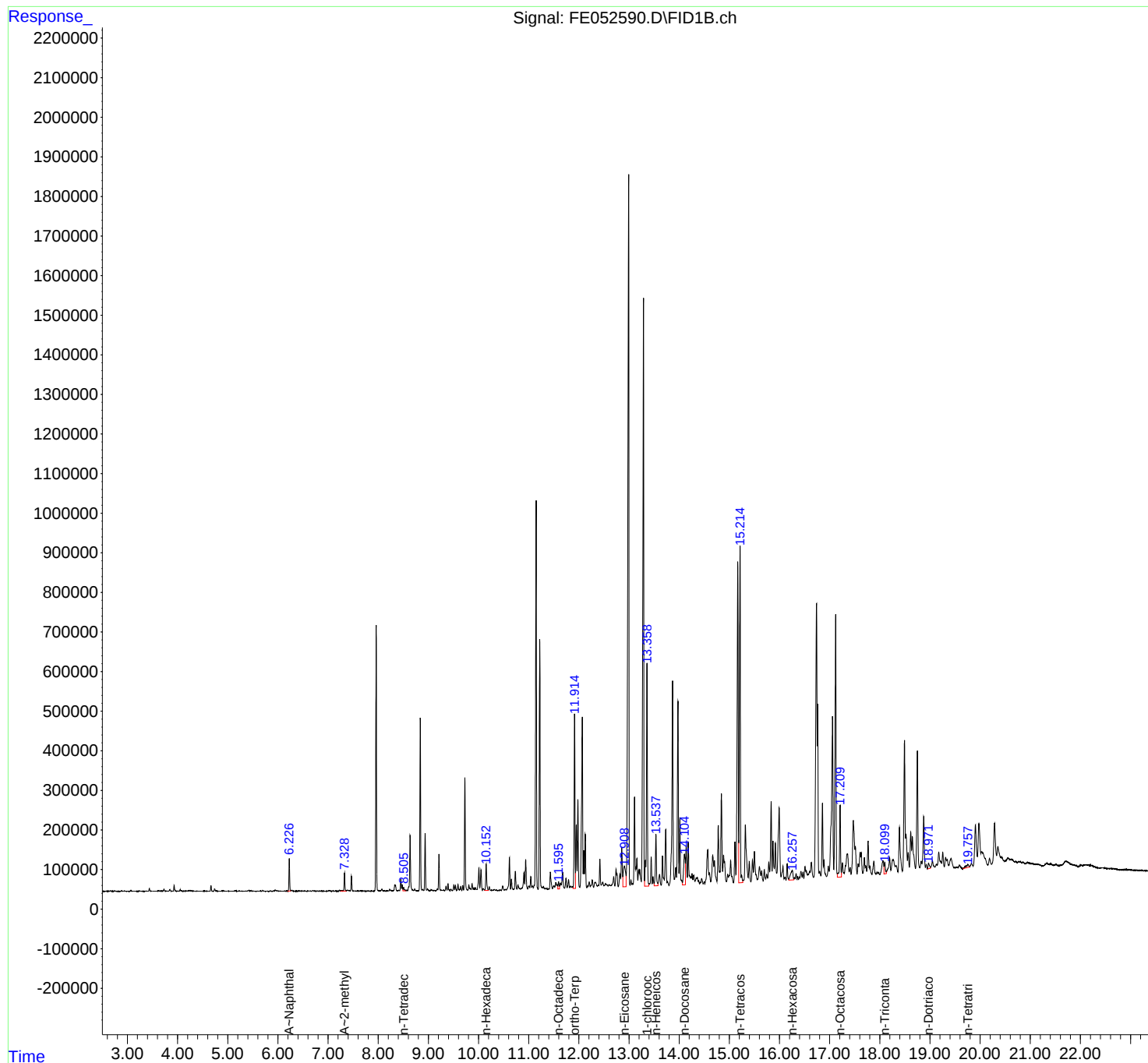
(m)=manual int.

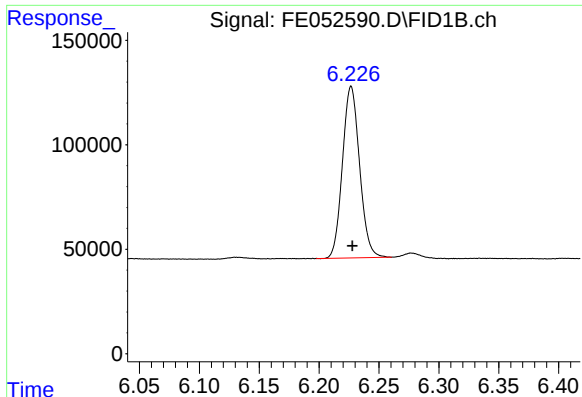
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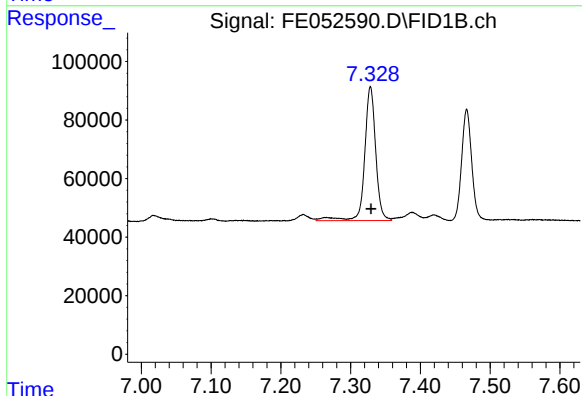




#3 A~Naphthalene (C11.7)

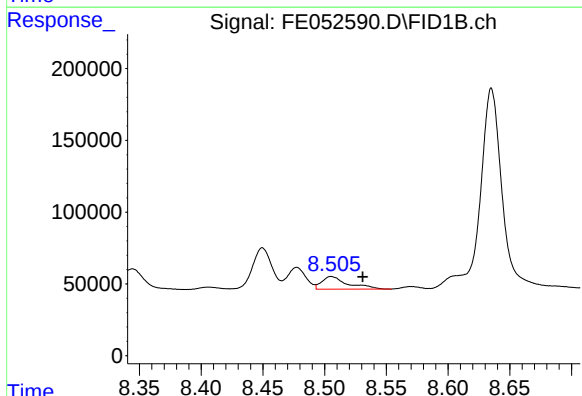
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 816362
Conc: 4.81 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



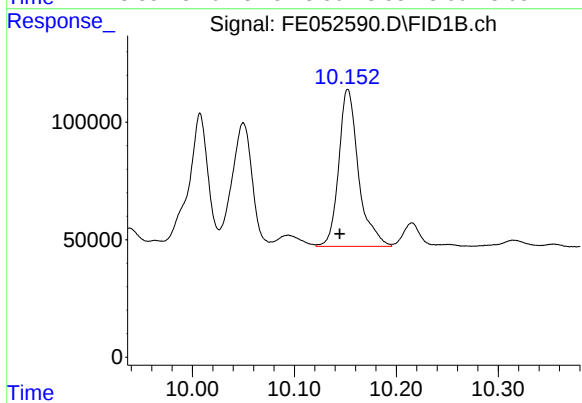
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 508231
Conc: 3.14 ug/ml



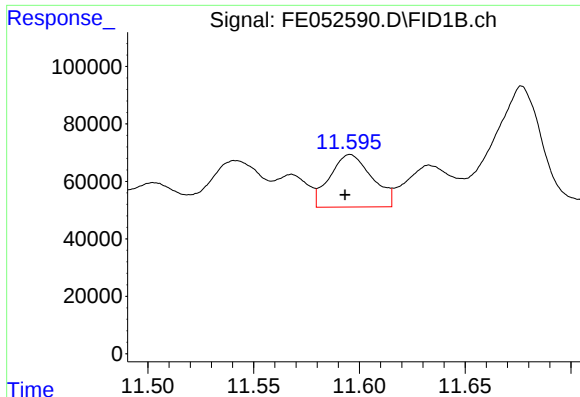
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.025 min
Response: 129277
Conc: 0.85 ug/ml



#7 n-Hexadecane (C16)

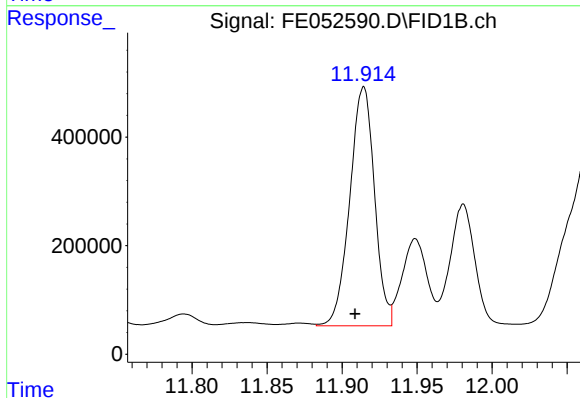
R.T.: 10.153 min
Delta R.T.: 0.008 min
Response: 900951
Conc: 5.89 ug/ml



#8 n-Octadecane (C18)

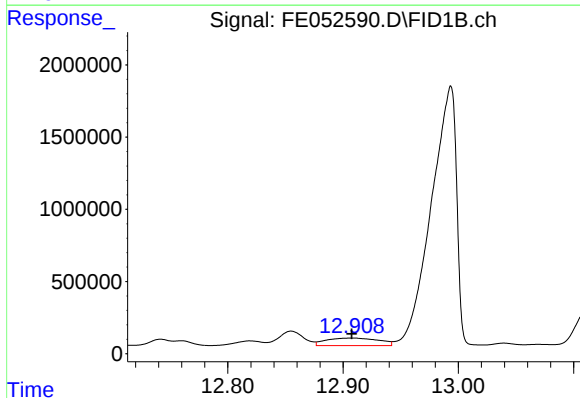
R.T.: 11.596 min
Delta R.T.: 0.003 min
Response: 254007
Conc: 1.67 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



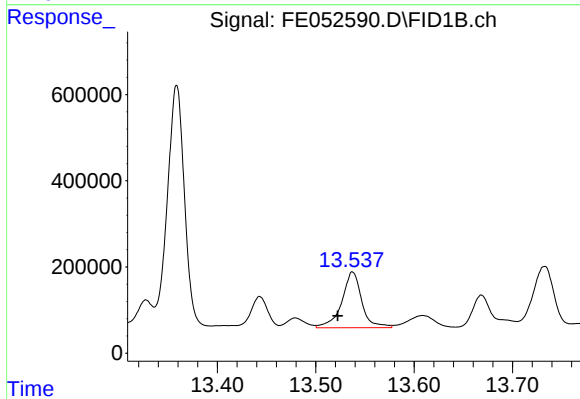
#9 ortho-Terphenyl (SURR)

R.T.: 11.914 min
Delta R.T.: 0.006 min
Response: 5050359
Conc: 29.96 ug/ml



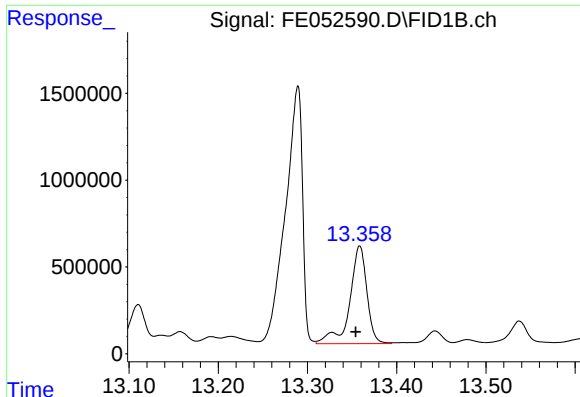
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 1648560
Conc: 11.36 ug/ml



#11 n-Heneicosane (C21)

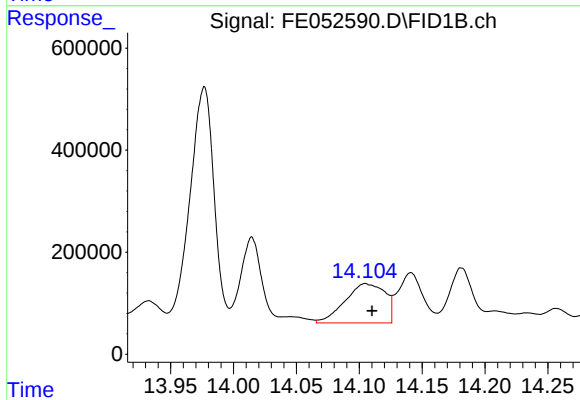
R.T.: 13.537 min
Delta R.T.: 0.015 min
Response: 1835313
Conc: 12.89 ug/ml



#12 1-chlorooctadecane (SURR)

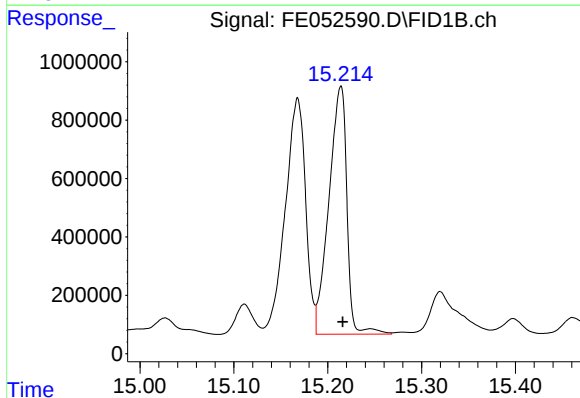
R.T.: 13.359 min
Delta R.T.: 0.004 min
Response: 7550673
Conc: 62.18 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



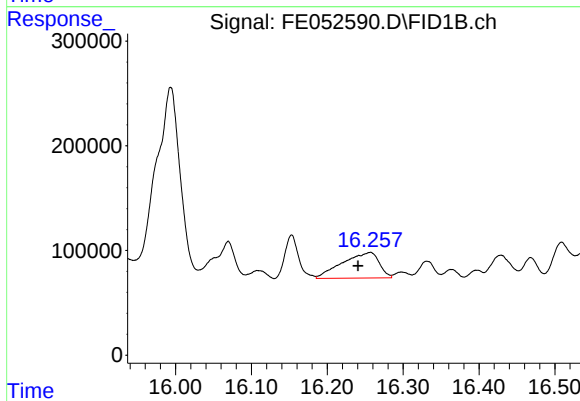
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.005 min
Response: 1703334
Conc: 11.97 ug/ml



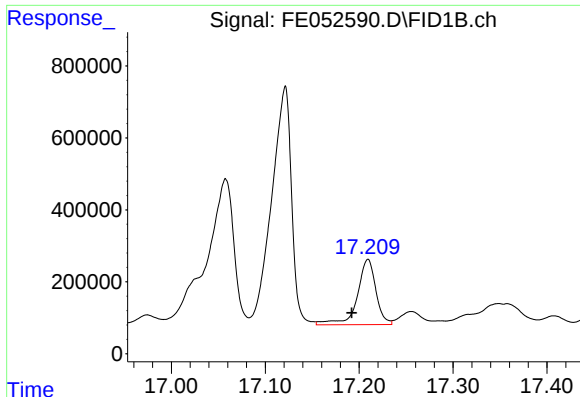
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.003 min
Response: 11292768
Conc: 78.91 ug/ml



#15 n-Hexacosane (C26)

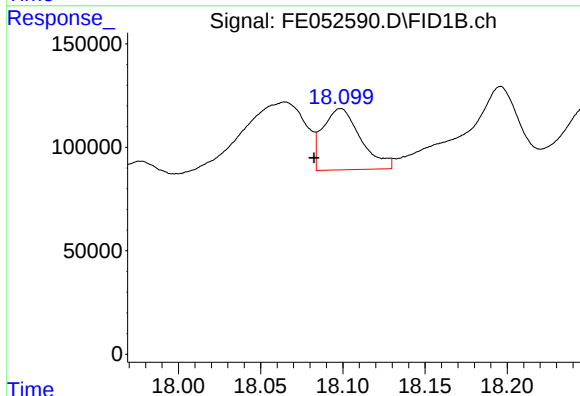
R.T.: 16.256 min
Delta R.T.: 0.015 min
Response: 821704
Conc: 5.78 ug/ml



#16 n-Octacosane (C28)

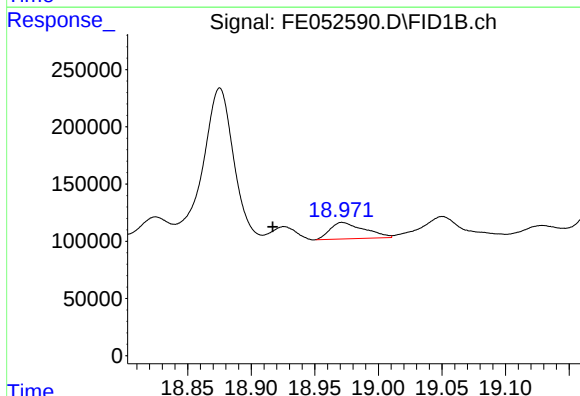
R.T.: 17.209 min
Delta R.T.: 0.017 min
Response: 2498549
Conc: 17.57 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1



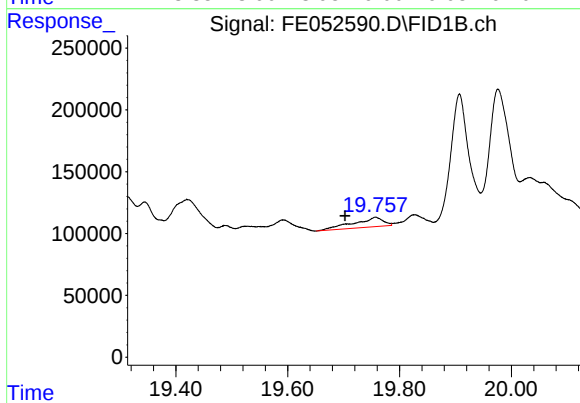
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.016 min
Response: 474851
Conc: 3.21 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: 0.055 min
Response: 267870
Conc: 1.85 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.055 min
Response: 287933
Conc: 2.14 ug/ml