

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE053000.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 02:04
 Operator : YP\AJ
 Sample : Q1642-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAT-1-032525

Integration File: autoint1.e
 Quant Time: Mar 27 04:23:44 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)	11.900	4691748	27.830 ug/ml
Spiked Amount 50.000		Recovery =	55.66%
12) S 1-chlorooctadecane (S...	13.344	3996641	32.914 ug/ml
Spiked Amount 50.000		Recovery =	65.83%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.222	92735	0.547 ug/ml
5) T A~2-methylnaphthalene...	7.320	501149	3.092 ug/ml
6) T n-Tetradecane (C14)	8.564	363768	2.404 ug/ml
7) T n-Hexadecane (C16)	10.139	887790	5.807 ug/ml
8) T n-Octadecane (C18)	11.527f	232454	1.528 ug/ml
10) T n-Eicosane (C20)	12.900	145257	1.001 ug/ml
11) T n-Heneicosane (C21)	13.525	259532	1.823 ug/ml
13) T n-Docosane (C22)	14.123	299307	2.103 ug/ml
14) T n-Tetracosane (C24)	15.181	1314724	9.187 ug/ml
16) T n-Octacosane (C28)	17.189	435523	3.063 ug/ml
17) T n-Tricontane (C30)	18.069	258848	1.753 ug/ml
18) T n-Dotriacontane (C32)	18.859f	56296	0.388 ug/ml
19) T n-Tetratriacontane (C34)	19.719	202212	1.500 ug/ml

(f)=RT Delta > 1/2 Window

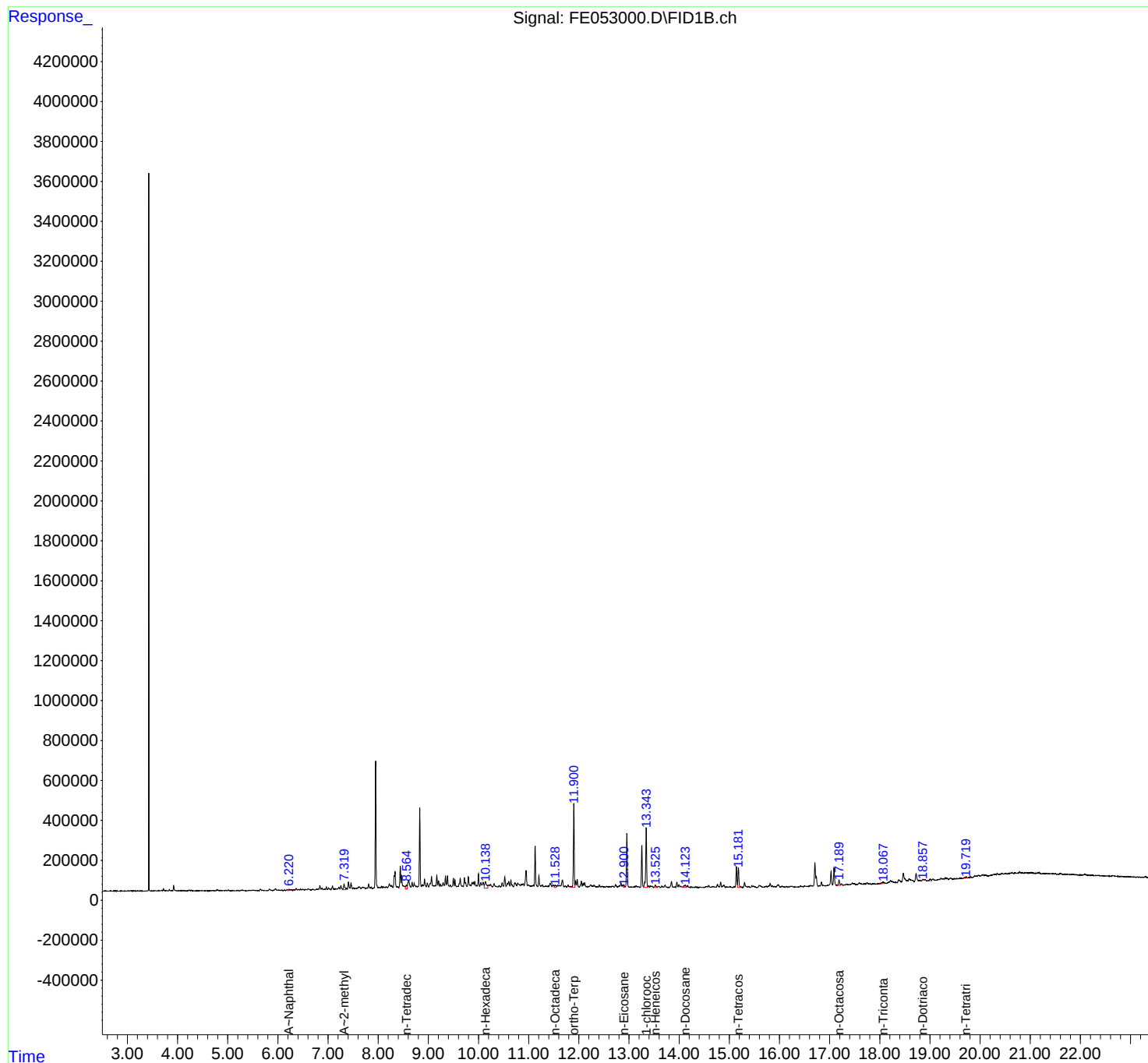
(m)=manual int.

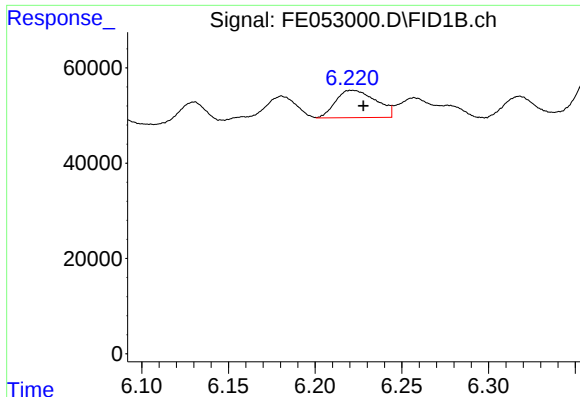
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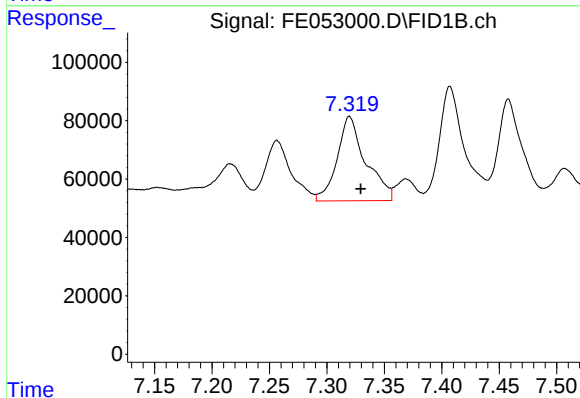




#3 A~Naphthalene (C11.7)

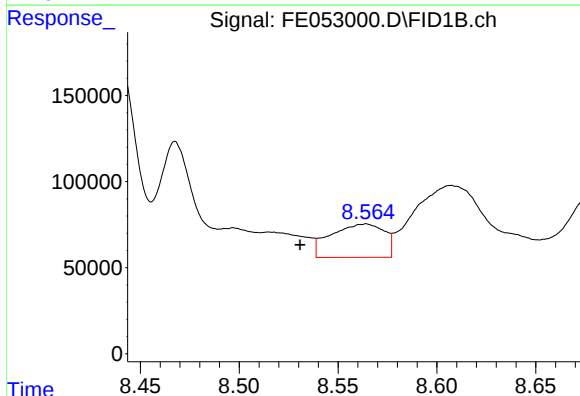
R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 92735
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PAT-1-032525



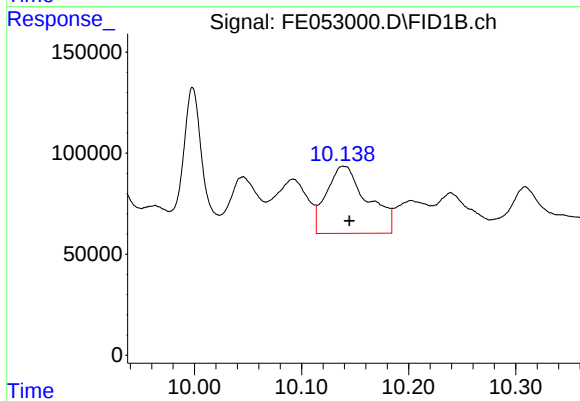
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.010 min
Response: 501149
Conc: 3.09 ug/ml



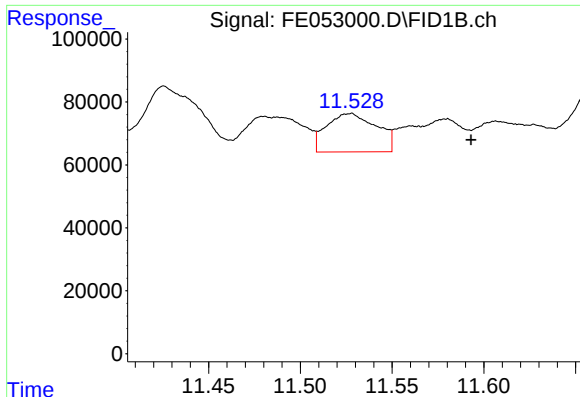
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.033 min
Response: 363768
Conc: 2.40 ug/ml



#7 n-Hexadecane (C16)

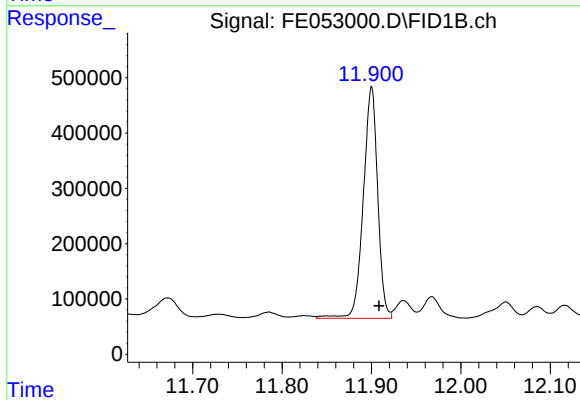
R.T.: 10.139 min
Delta R.T.: -0.005 min
Response: 887790
Conc: 5.81 ug/ml



#8 n-Octadecane (C18)

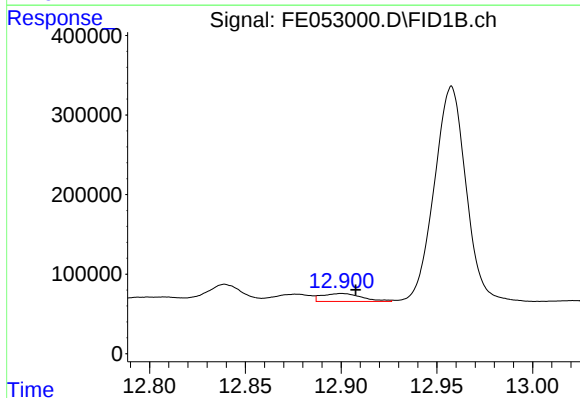
R.T.: 11.527 min
Delta R.T.: -0.066 min
Response: 232454
Conc: 1.53 ug/ml

Instrument :
FID_E
ClientSampleId :
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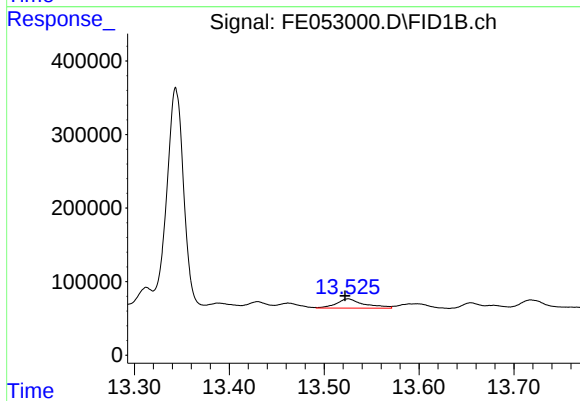
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 4691748
Conc: 27.83 ug/ml



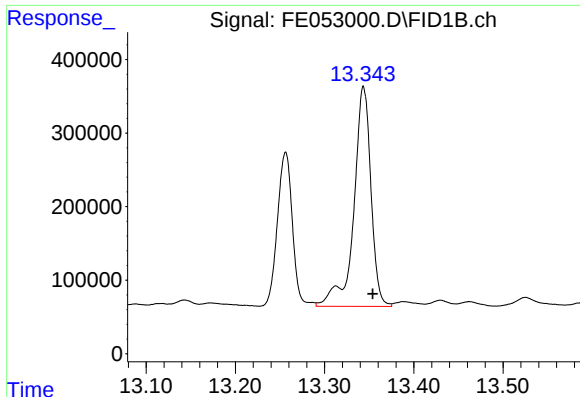
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.007 min
Response: 145257
Conc: 1.00 ug/ml



#11 n-Heneicosane (C21)

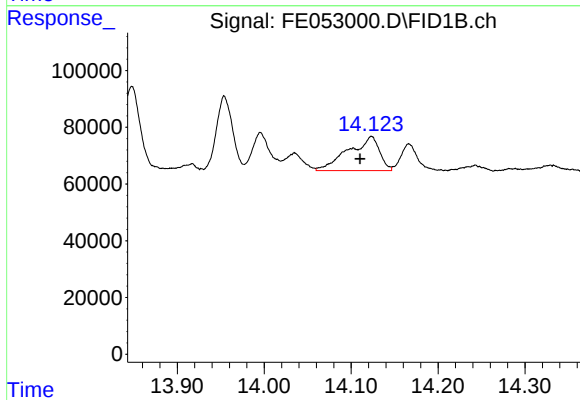
R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 259532
Conc: 1.82 ug/ml



#12 1-chlorooctadecane (SURR)

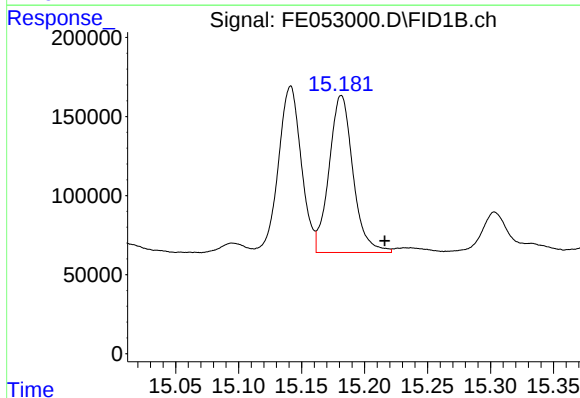
R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 3996641
Conc: 32.91 ug/ml

Instrument :
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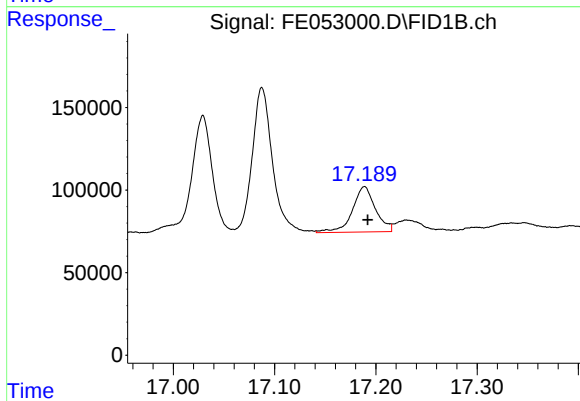
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.013 min
Response: 299307
Conc: 2.10 ug/ml



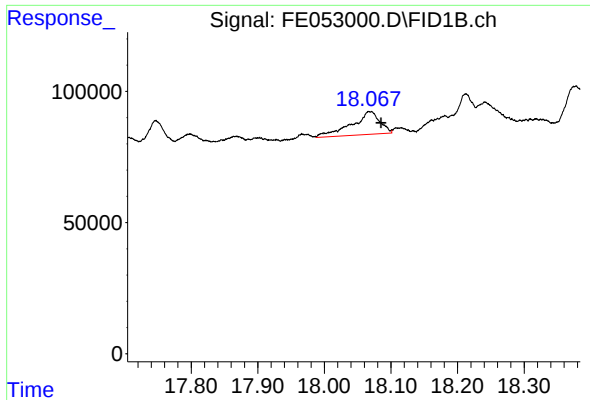
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.035 min
Response: 1314724
Conc: 9.19 ug/ml



#16 n-Octacosane (C28)

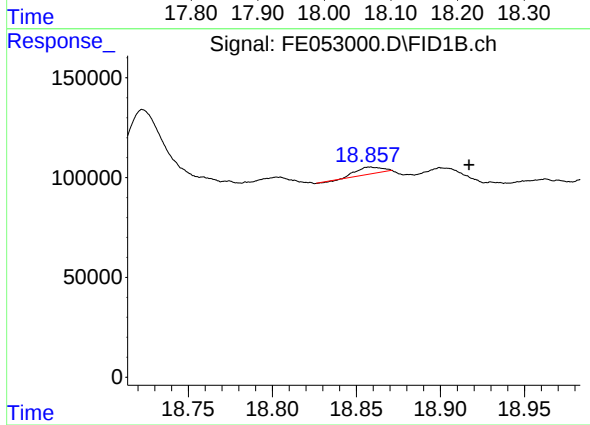
R.T.: 17.189 min
Delta R.T.: -0.003 min
Response: 435523
Conc: 3.06 ug/ml



#17 n-Tricontane (C30)

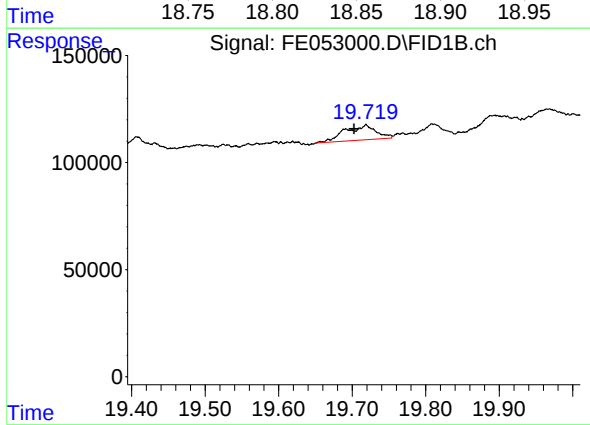
R.T.: 18.069 min
Delta R.T.: -0.016 min
Response: 258848
Conc: 1.75 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.058 min
Response: 56296
Conc: 0.39 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.016 min
Response: 202212
Conc: 1.50 ug/ml