

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052534.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 14:51
 Operator : YP\AJ
 Sample : Q1440-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-022625-E2

Integration File: autoint1.e
 Quant Time: Feb 28 03:21:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.917	4218971	22.570 ug/ml
Spiked Amount 50.000		Recovery =	45.14%
12) S 1-chlorooctadecane (S...	13.363	3796134	27.311 ug/ml
Spiked Amount 50.000		Recovery =	54.62%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.232	160829	0.931 ug/ml
5) T A~2-methylnaphthalene...	7.334	146796	0.874 ug/ml
7) T n-Hexadecane (C16)	10.158	114131	0.698 ug/ml
10) T n-Eicosane (C20)	12.974f	1860291	11.669 ug/ml
11) T n-Heneicosane (C21)	13.542	151240	0.965 ug/ml
13) T n-Docosane (C22)	14.142	292746	1.871 ug/ml
14) T n-Tetracosane (C24)	15.199	691451	4.397 ug/ml
16) T n-Octacosane (C28)	17.206	244353	1.597 ug/ml
17) T n-Tricontane (C30)	18.092	395168	2.532 ug/ml
19) T n-Tetratriacontane (C34)	19.758	268769	1.889 ug/ml
22) T n-Tetracontane (C40)	22.128	662997	6.591 ug/ml

(f)=RT Delta > 1/2 Window

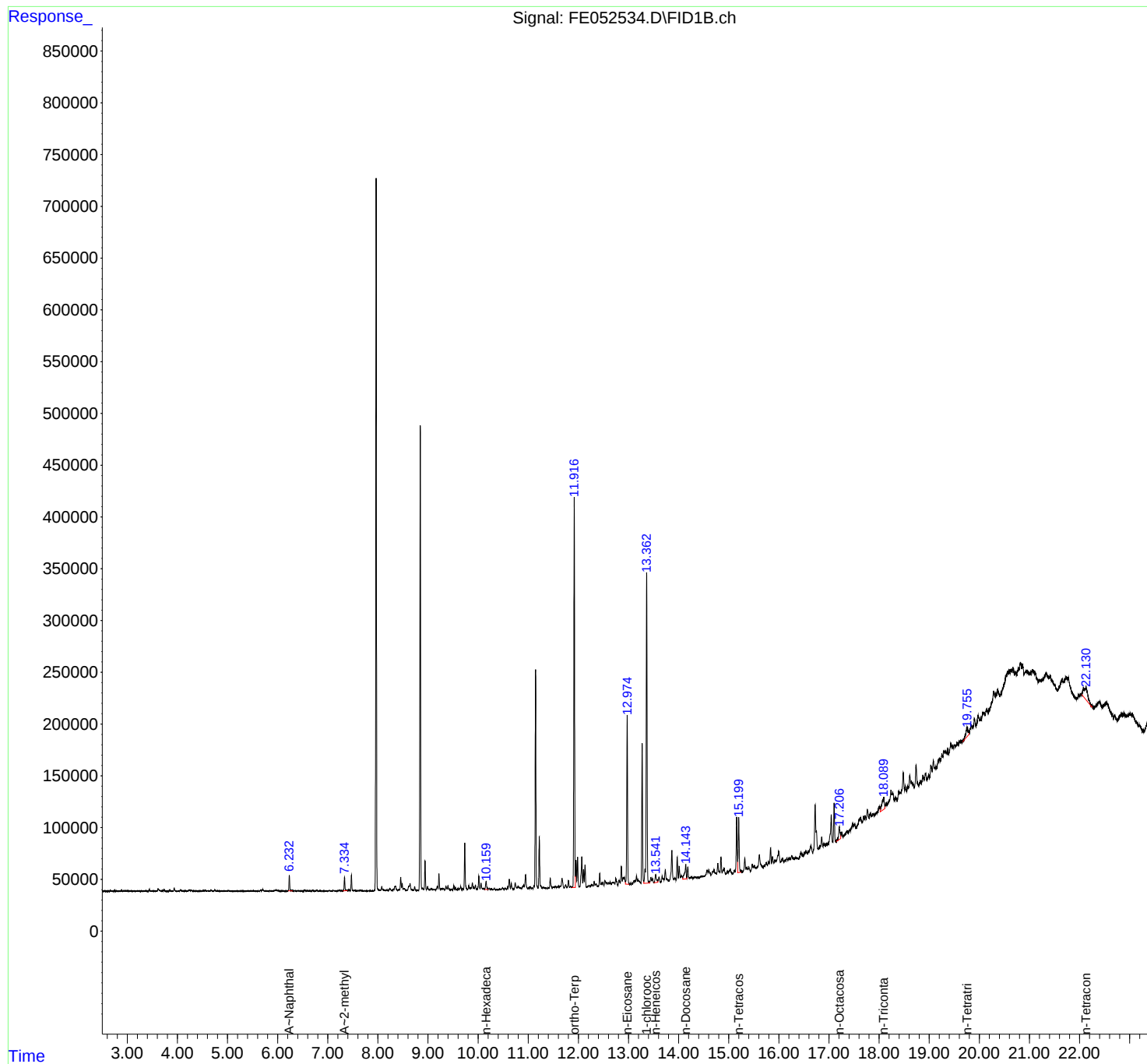
(m)=manual int.

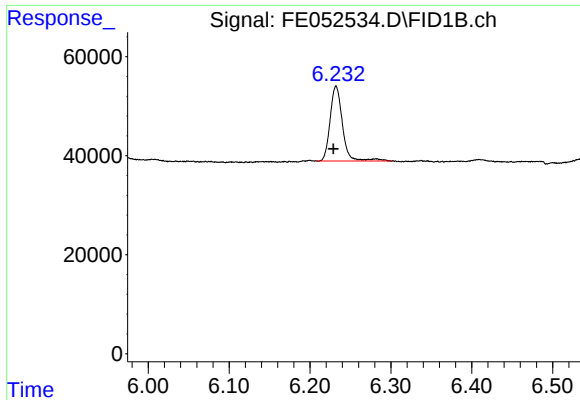
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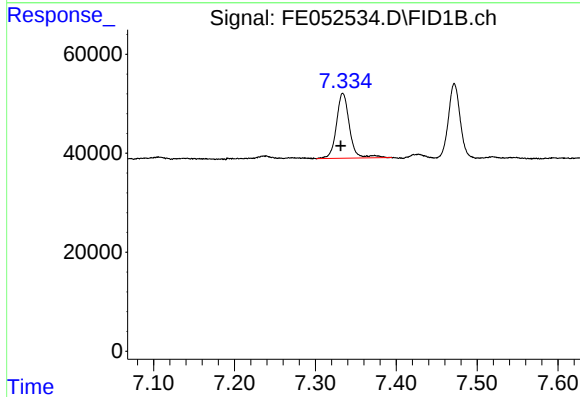




#3 A~Naphthalene (C11.7)

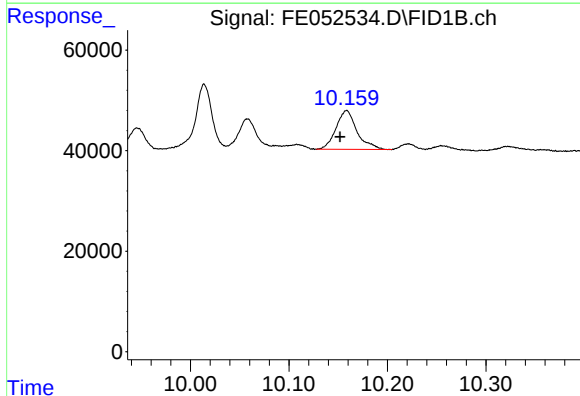
R.T.: 6.232 min
Delta R.T.: 0.003 min
Response: 160829
Conc: 0.93 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-022625-E2



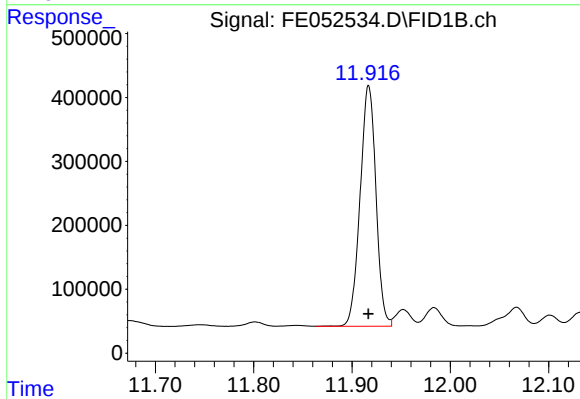
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 146796
Conc: 0.87 ug/ml



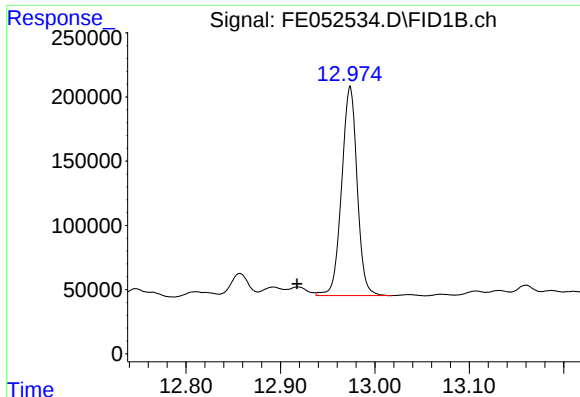
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.006 min
Response: 114131
Conc: 0.70 ug/ml



#9 ortho-Terphenyl (SURR)

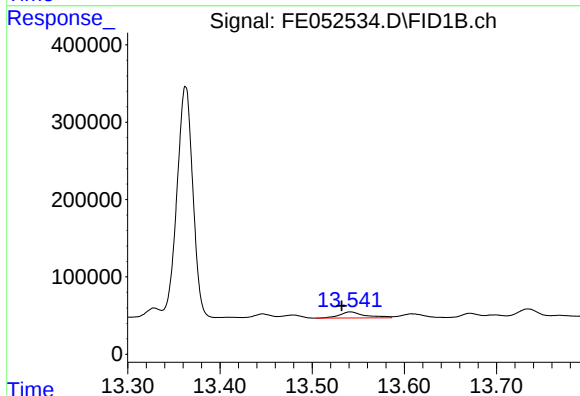
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 4218971
Conc: 22.57 ug/ml



#10 n-Eicosane (C20)

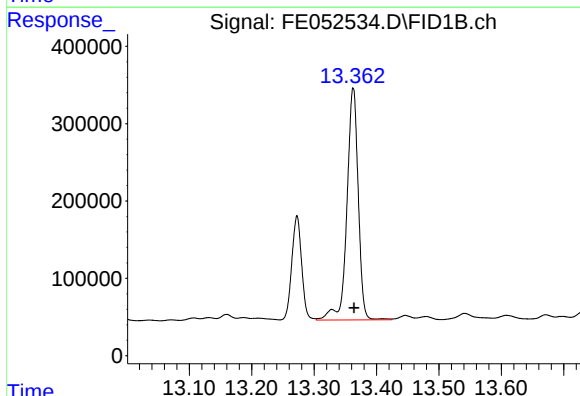
R.T.: 12.974 min
Delta R.T.: 0.056 min
Response: 1860291
Conc: 11.67 ug/ml

Instrument :
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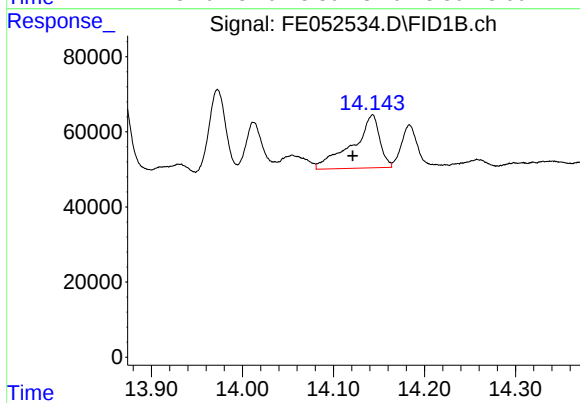
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.009 min
Response: 151240
Conc: 0.97 ug/ml



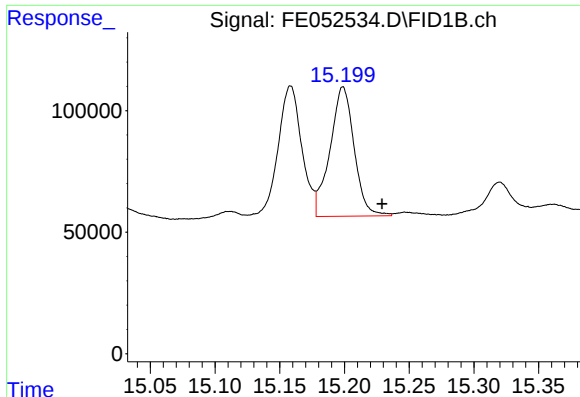
#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 3796134
Conc: 27.31 ug/ml



#13 n-Docosane (C22)

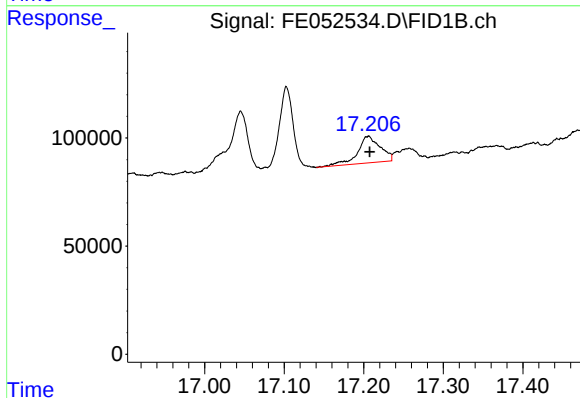
R.T.: 14.142 min
Delta R.T.: 0.021 min
Response: 292746
Conc: 1.87 ug/ml



#14 n-Tetracosane (C24)

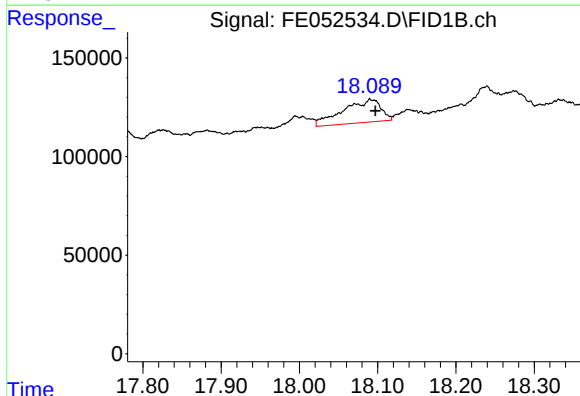
R.T.: 15.199 min
Delta R.T.: -0.030 min
Response: 691451
Conc: 4.40 ug/ml

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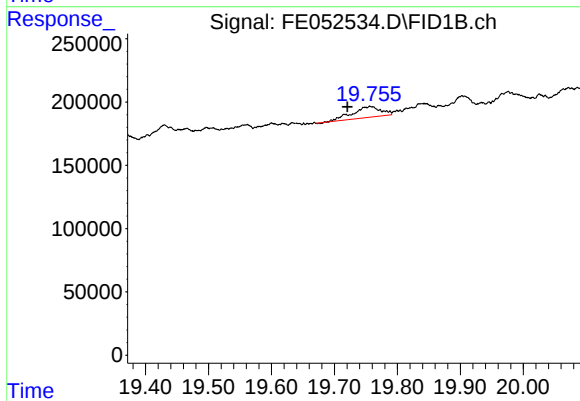
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.002 min
Response: 244353
Conc: 1.60 ug/ml



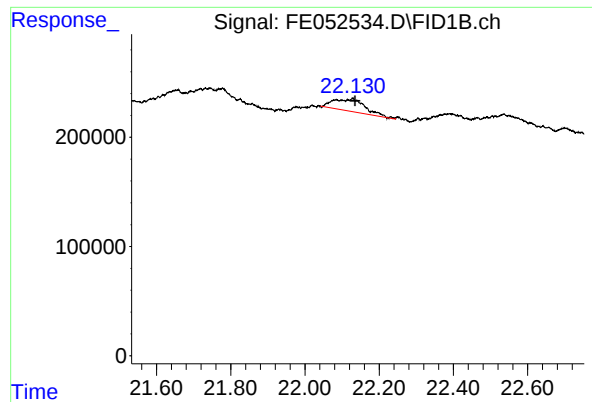
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 395168
Conc: 2.53 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.758 min
Delta R.T.: 0.037 min
Response: 268769
Conc: 1.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.007 min
Response: 662997
Conc: 6.59 ug/ml

Instrument :

FID_E

ClientSampleId :

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