

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053207.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 11:13
 Operator : YP\AJ
 Sample : Q1712-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 01:19:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.898	1345877	8.263 ug/ml
Spiked Amount 50.000		Recovery =	16.53%
12) S 1-chlorooctadecane (S...	13.345	1691359	14.089 ug/ml
Spiked Amount 50.000		Recovery =	28.18%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.217	494634	2.944 ug/ml
5) T A~2-methylnaphthalene...	7.319	260762	1.634 ug/ml
6) T n-Tetradecane (C14)	8.468f	166193	1.085 ug/ml
7) T n-Hexadecane (C16)	10.144	310780	2.016 ug/ml
10) T n-Eicosane (C20)	12.881	473375	3.320 ug/ml
11) T n-Heneicosane (C21)	13.530	611842	4.409 ug/ml
13) T n-Docosane (C22)	14.129	1161036	8.477 ug/ml
14) T n-Tetracosane (C24)	15.194	4134882	30.615 ug/ml
16) T n-Octacosane (C28)	17.201	738557	5.596 ug/ml
17) T n-Tricontane (C30)	18.074	278569	2.055 ug/ml
18) T n-Dotriacontane (C32)	18.909	294957	2.192 ug/ml
19) T n-Tetratriacontane (C34)	19.696	140372	1.085 ug/ml
20) T n-Hexatriacontane (C36)	20.440	158877	1.337 ug/ml
21) T n-Octatriacontane (C38)	21.178	188426	1.639 ug/ml

(f)=RT Delta > 1/2 Window

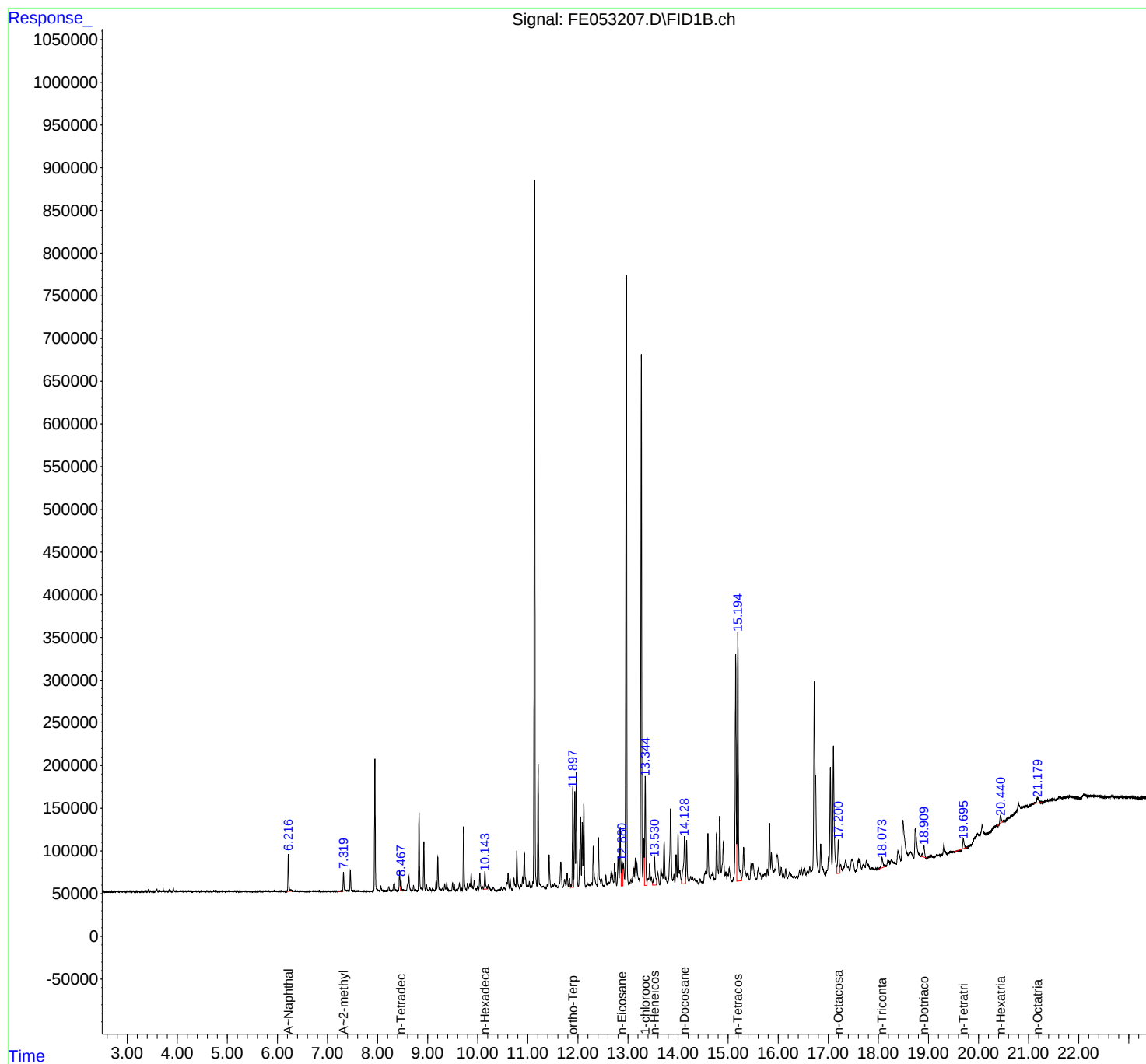
(m)=manual int.

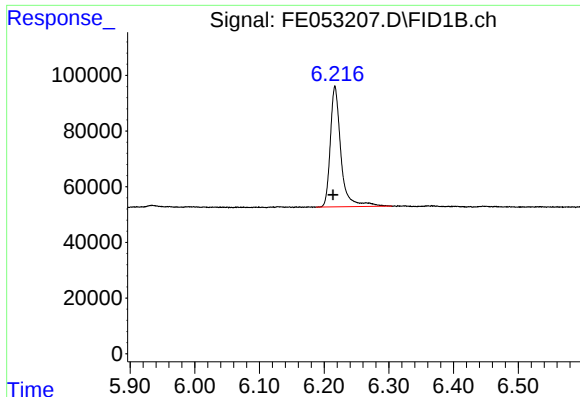
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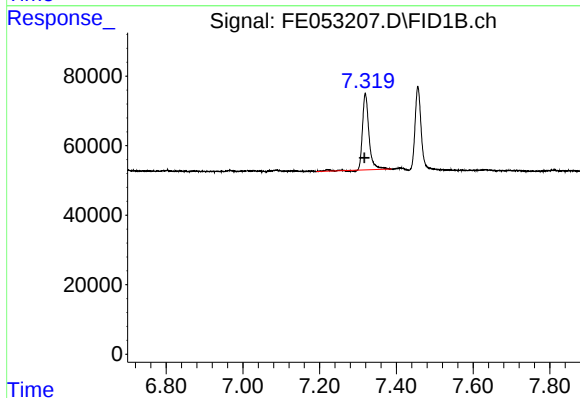




#3 A~Naphthalene (C11.7)

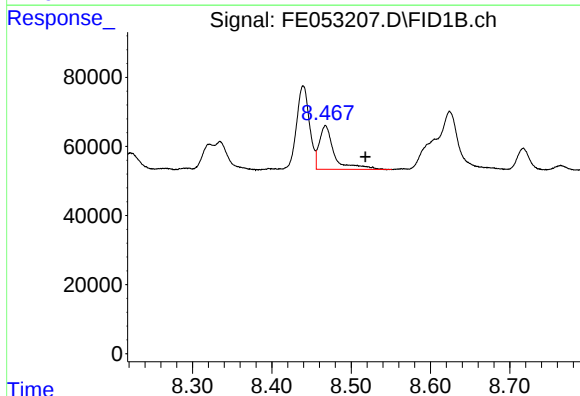
R.T.: 6.217 min
Delta R.T.: 0.003 min
Response: 494634
Conc: 2.94 ug/ml

Instrument :
FID_E
ClientSampleId :



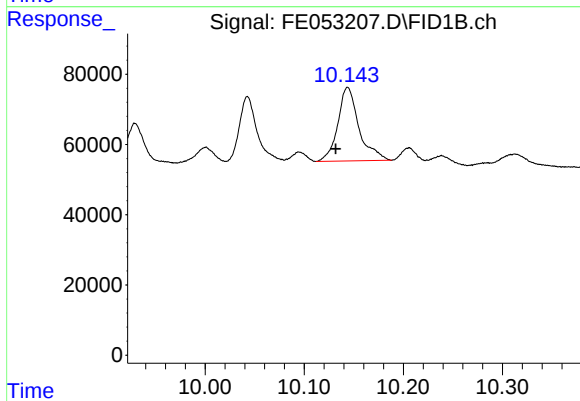
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: 0.003 min
Response: 260762
Conc: 1.63 ug/ml



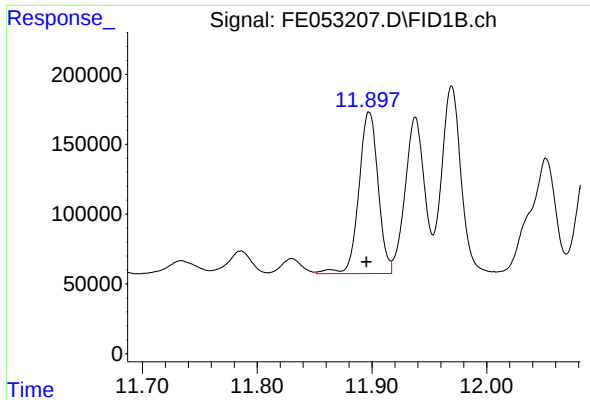
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.050 min
Response: 166193
Conc: 1.09 ug/ml



#7 n-Hexadecane (C16)

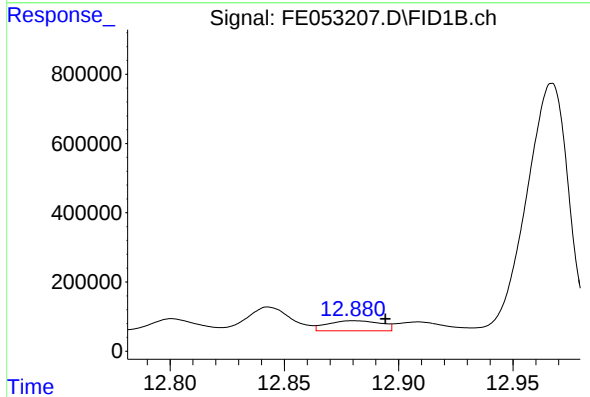
R.T.: 10.144 min
Delta R.T.: 0.012 min
Response: 310780
Conc: 2.02 ug/ml



#9 ortho-Terphenyl (SURR)

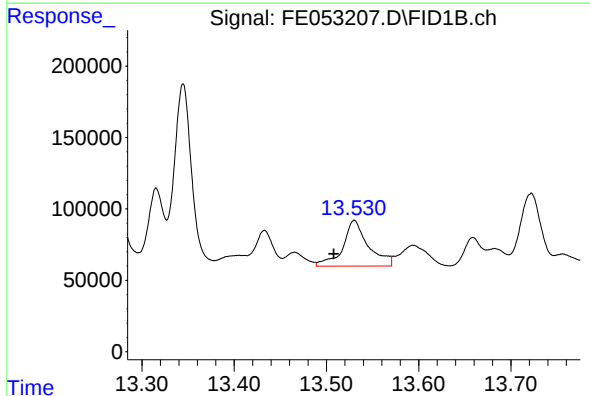
R.T.: 11.898 min
Delta R.T.: 0.002 min
Response: 1345877
Conc: 8.26 ug/ml

Instrument :
FID_E
ClientSampleId :



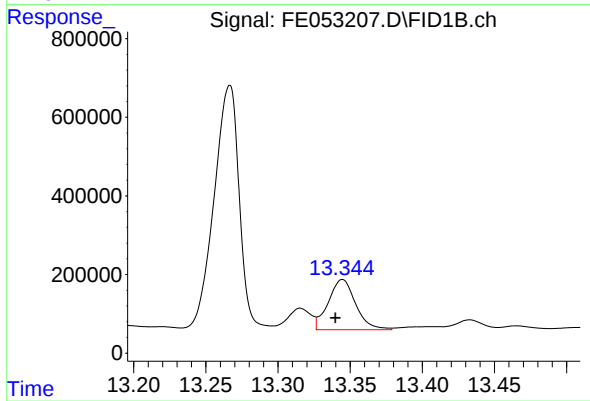
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.013 min
Response: 473375
Conc: 3.32 ug/ml



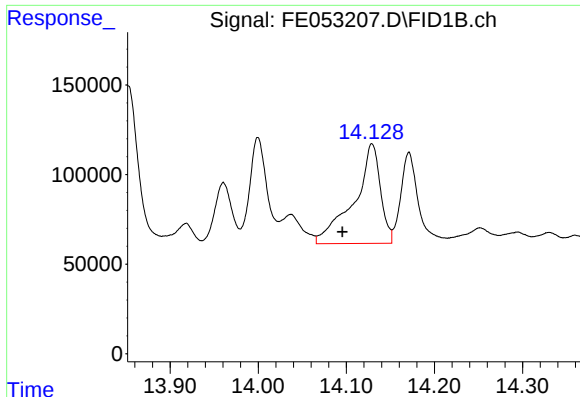
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.022 min
Response: 611842
Conc: 4.41 ug/ml



#12 1-chlorooctadecane (SURR)

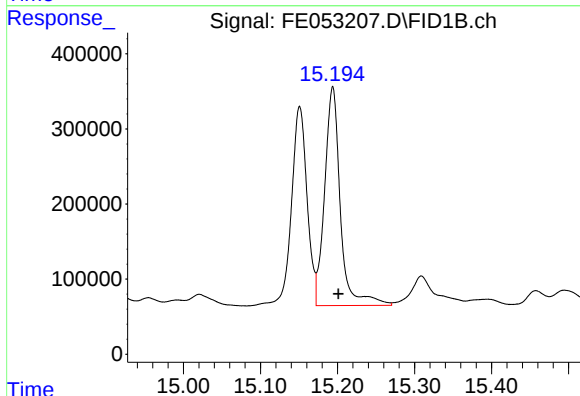
R.T.: 13.345 min
Delta R.T.: 0.005 min
Response: 1691359
Conc: 14.09 ug/ml



#13 n-Docosane (C22)

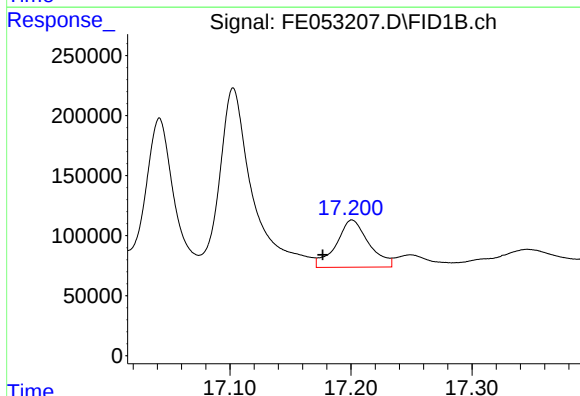
R.T.: 14.129 min
Delta R.T.: 0.034 min
Response: 1161036
Conc: 8.48 ug/ml

Instrument :
FID_E
ClientSampleId :



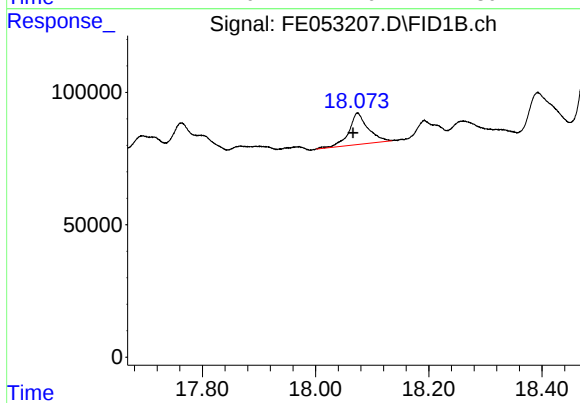
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.008 min
Response: 4134882
Conc: 30.62 ug/ml



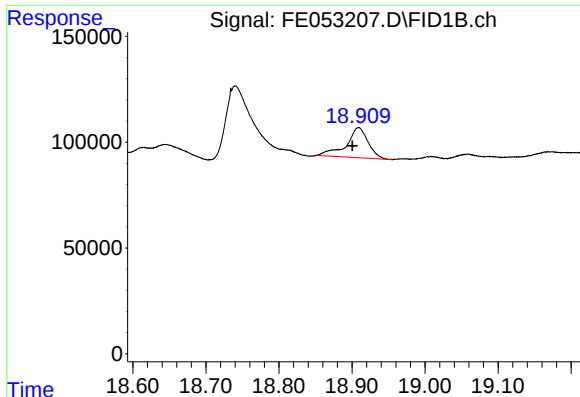
#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: 0.024 min
Response: 738557
Conc: 5.60 ug/ml



#17 n-Tricontane (C30)

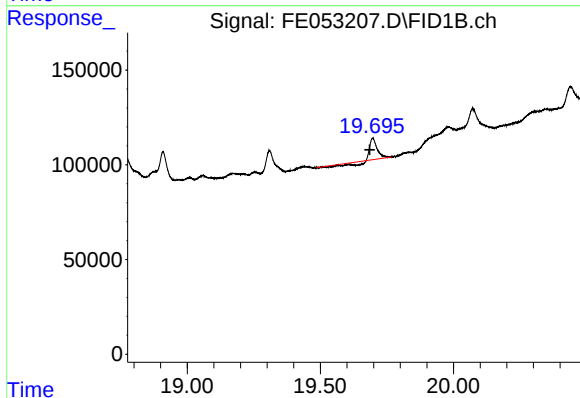
R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 278569
Conc: 2.06 ug/ml



#18 n-Dotriacontane (C32)

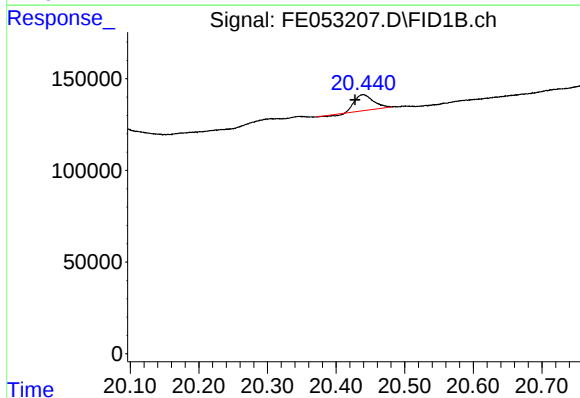
R.T.: 18.909 min
Delta R.T.: 0.009 min
Response: 294957
Conc: 2.19 ug/ml

Instrument :
FID_E
ClientSampleId :



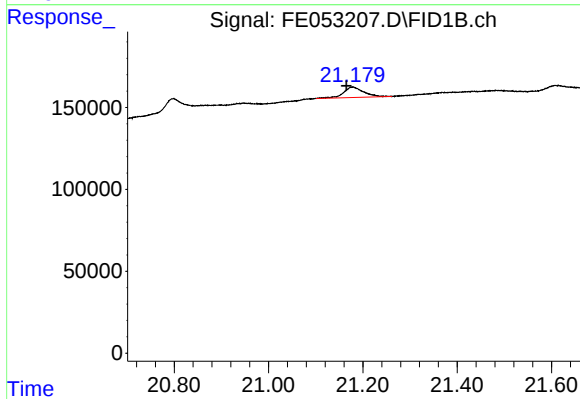
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.011 min
Response: 140372
Conc: 1.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.012 min
Response: 158877
Conc: 1.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.013 min
Response: 188426
Conc: 1.64 ug/ml