

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042125AL\
 Data File : FE053447.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2025 19:04
 Operator : YP\AJ
 Sample : Q1832-34
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-714-17

Integration File: autoint1.e
 Quant Time: Apr 22 03:15:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.884	4280171	23.731 ug/ml
Spiked Amount 50.000		Recovery =	47.46%
12) S 1-chlorooctadecane (S...	13.333	10424267	77.117 ug/ml
Spiked Amount 50.000		Recovery =	154.23%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.198	310838	2.059 ug/ml
5) T A~2-methylnaphthalene...	7.299	347650	2.328 ug/ml
6) T n-Tetradecane (C14)	8.478	409612	2.920 ug/ml
7) T n-Hexadecane (C16)	10.120	1255009	8.757 ug/ml
8) T n-Octadecane (C18)	11.564	181061	1.242 ug/ml
10) T n-Eicosane (C20)	12.875	5151133	35.400 ug/ml
11) T n-Heneicosane (C21)	13.516	3798809	26.227 ug/ml
13) T n-Docosane (C22)	14.079	1817528	12.595 ug/ml
14) T n-Tetracosane (C24)	15.202	21359389	148.701 ug/ml
15) T n-Hexacosane (C26)	16.222	1866098	13.176 ug/ml
16) T n-Octacosane (C28)	17.197	4337988	31.180 ug/ml
17) T n-Tricontane (C30)	18.052	876579	6.297 ug/ml
19) T n-Tetratriacontane (C34)	19.739f	529088	4.061 ug/ml
20) T n-Hexatriacontane (C36)	20.414	64560	0.511 ug/ml

(f)=RT Delta > 1/2 Window

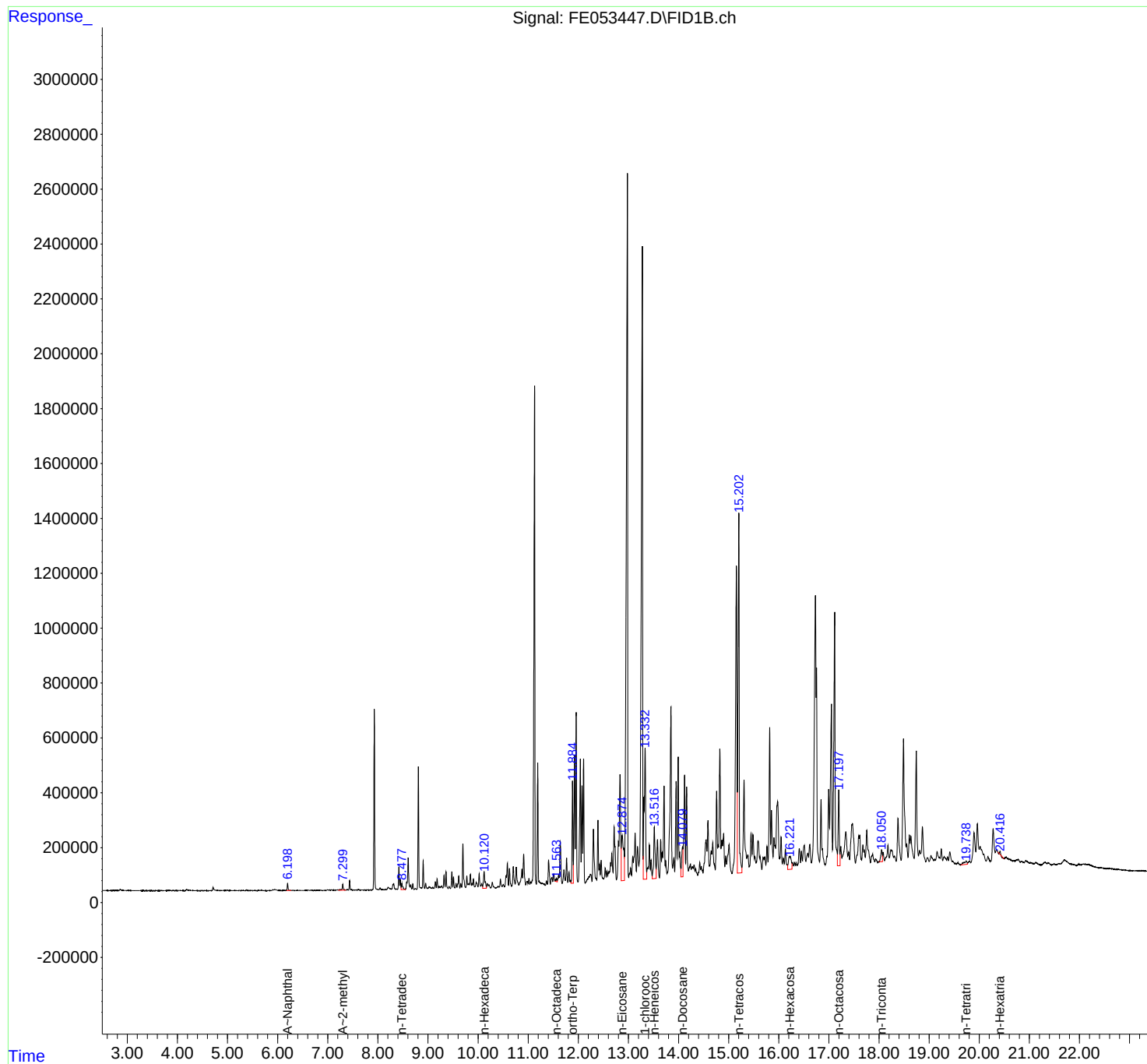
(m)=manual int.

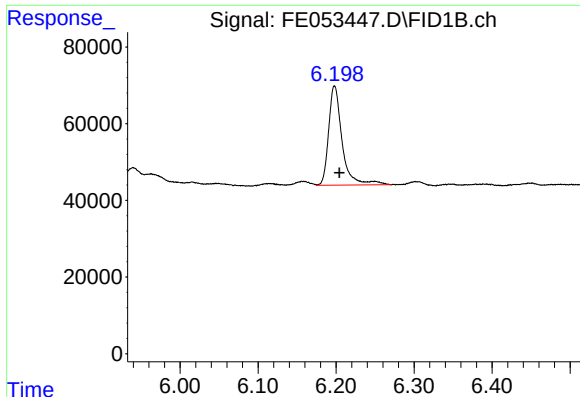
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Signal Info : 20M x 0.18mm x 0.18um

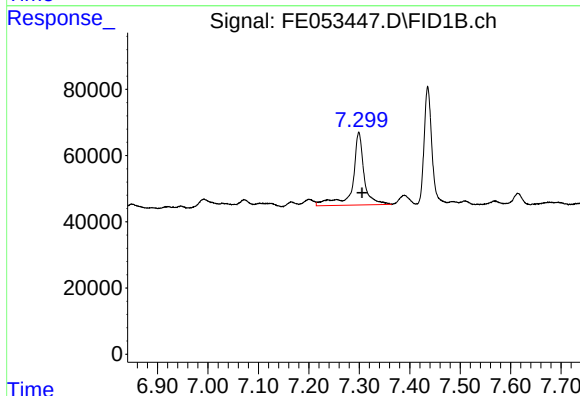




#3 A~Naphthalene (C11.7)

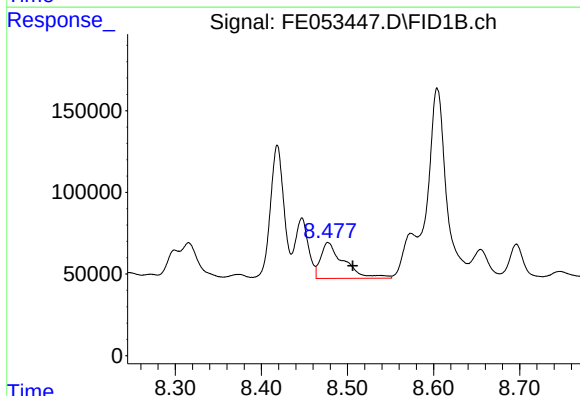
R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 310838
Conc: 2.06 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-714-17



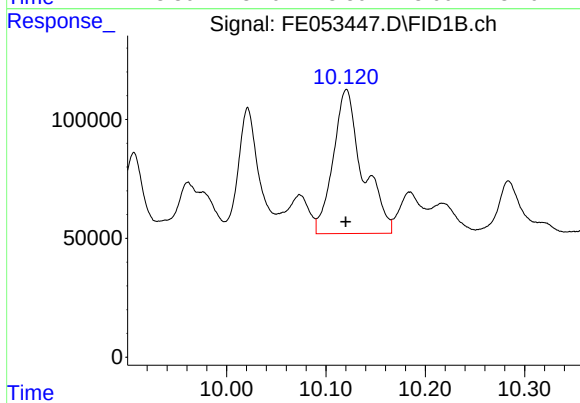
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.299 min
Delta R.T.: -0.007 min
Response: 347650
Conc: 2.33 ug/ml



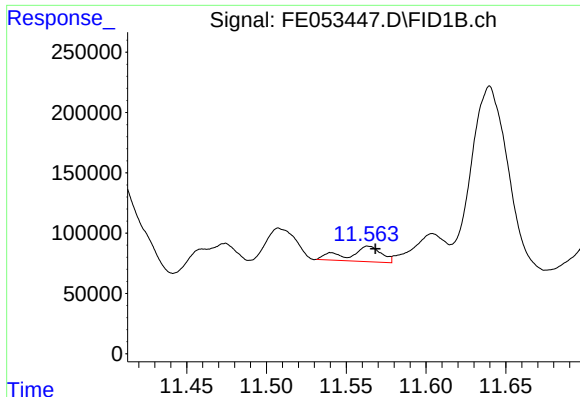
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.028 min
Response: 409612
Conc: 2.92 ug/ml



#7 n-Hexadecane (C16)

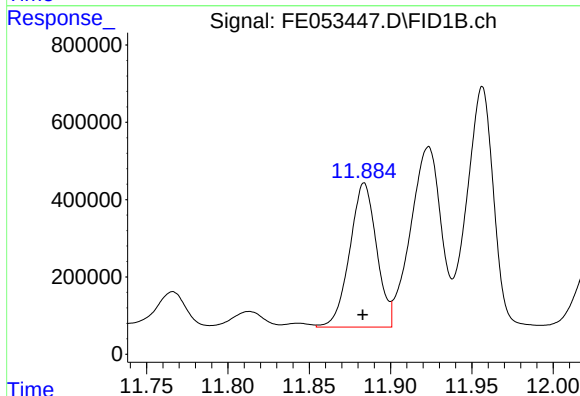
R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 1255009
Conc: 8.76 ug/ml



#8 n-Octadecane (C18)

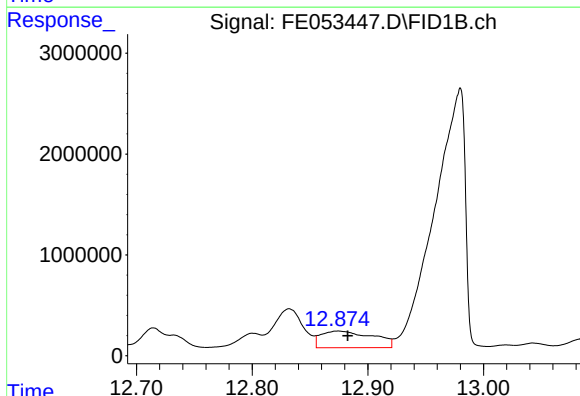
R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 181061
Conc: 1.24 ug/ml

Instrument :
FID_E
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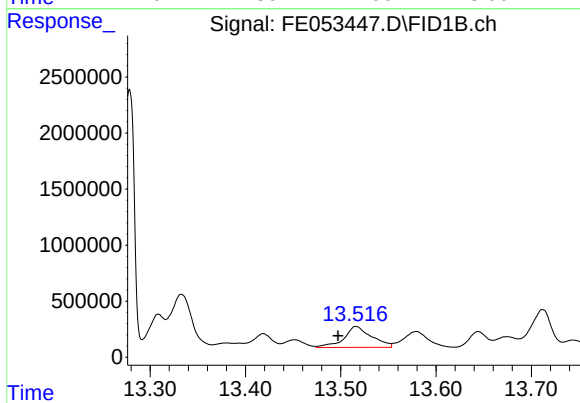
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: 0.000 min
Response: 4280171
Conc: 23.73 ug/ml



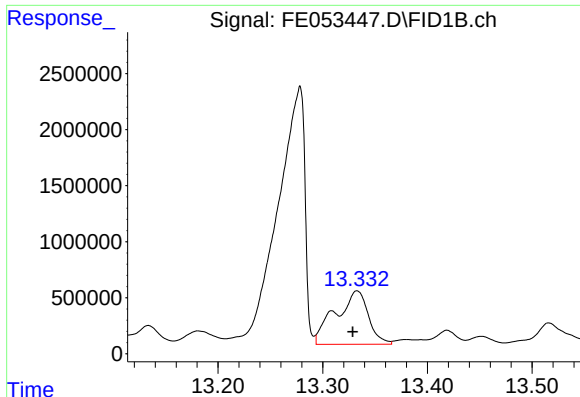
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.008 min
Response: 5151133
Conc: 35.40 ug/ml



#11 n-Heneicosane (C21)

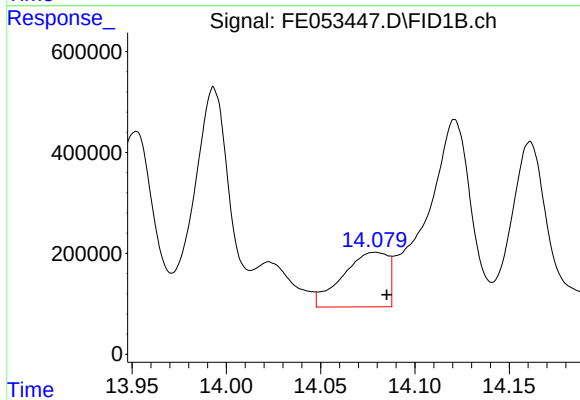
R.T.: 13.516 min
Delta R.T.: 0.019 min
Response: 3798809
Conc: 26.23 ug/ml



#12 1-chlorooctadecane (SURR)

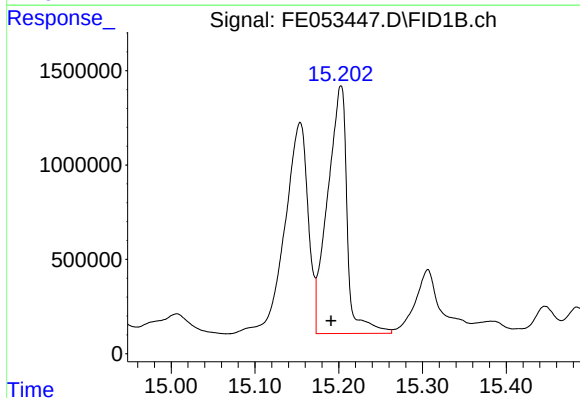
R.T.: 13.333 min
Delta R.T.: 0.004 min
Response: 10424267
Conc: 77.12 ug/ml

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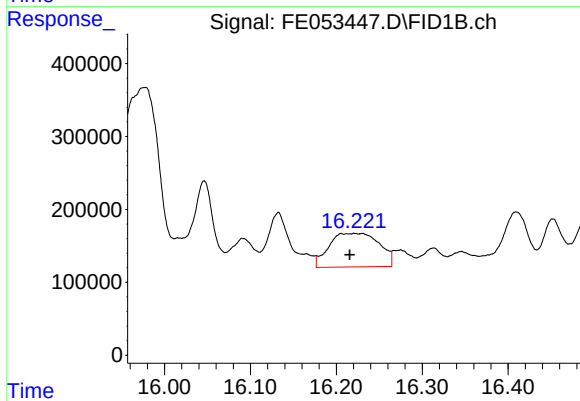
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: -0.006 min
Response: 1817528
Conc: 12.60 ug/ml



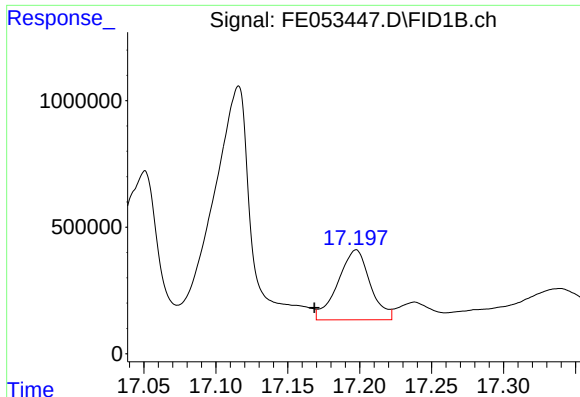
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.011 min
Response: 21359389
Conc: 148.70 ug/ml



#15 n-Hexacosane (C26)

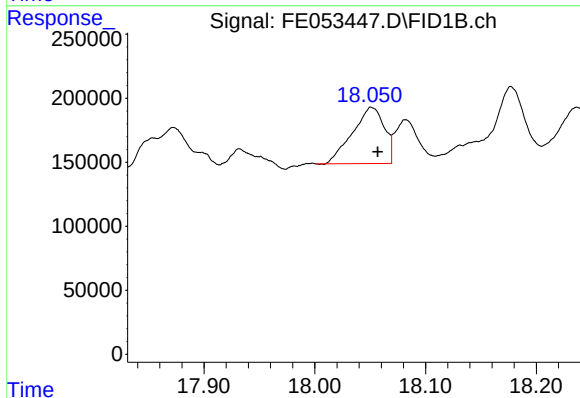
R.T.: 16.222 min
Delta R.T.: 0.006 min
Response: 1866098
Conc: 13.18 ug/ml



#16 n-Octacosane (C28)

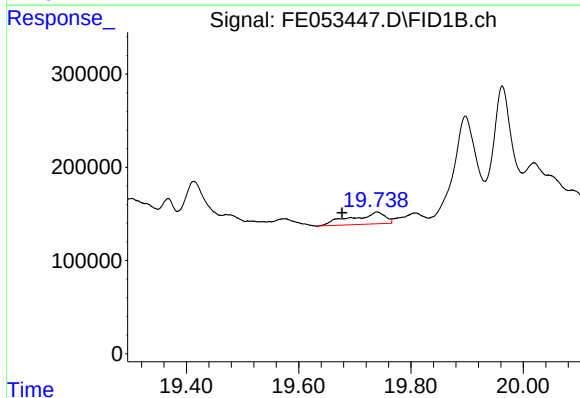
R.T.: 17.197 min
Delta R.T.: 0.029 min
Response: 4337988
Conc: 31.18 ug/ml

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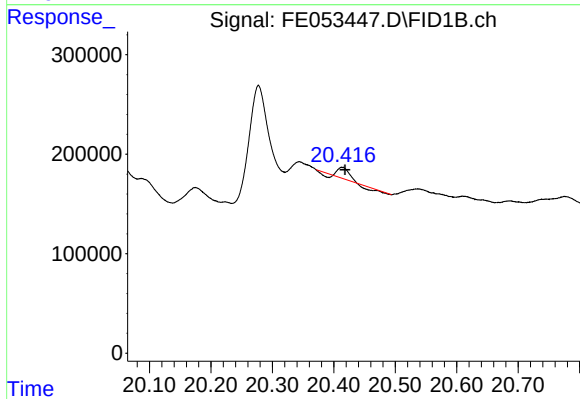
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: -0.005 min
Response: 876579
Conc: 6.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.062 min
Response: 529088
Conc: 4.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.414 min
Delta R.T.: -0.005 min
Response: 64560
Conc: 0.51 ug/ml