

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071124AL\
 Data File : FE049078.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 18:16
 Operator : YP\AJ
 Sample : P3184-01DL 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 01:30:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.916	8305535	49.671 ug/ml
Spiked Amount 50.000		Recovery =	99.34%
12) S 1-chlorooctadecane (S...	13.373	5714971	44.443 ug/ml
Spiked Amount 50.000		Recovery =	88.89%
Target Compounds			
5) T A~2-methylnaphthalene...	7.364	103585	0.684 ug/ml
6) T n-Tetradecane (C14)	8.551	452088	2.950 ug/ml
7) T n-Hexadecane (C16)	10.167	3733614	23.879 ug/ml
8) T n-Octadecane (C18)	11.615	7344541	46.051 ug/ml
10) T n-Eicosane (C20)	12.926	8923491	57.558 ug/ml
11) T n-Heneicosane (C21)	13.539	5265072	34.578 ug/ml
13) T n-Docosane (C22)	14.116	1240741	8.204 ug/ml
14) T n-Tetracosane (C24)	15.216	169308	1.127 ug/ml
16) T n-Octacosane (C28)	17.177	62570	0.434 ug/ml
17) T n-Tricontane (C30)	18.071	96397	0.659 ug/ml
18) T n-Dotriacontane (C32)	18.903	60112	0.420 ug/ml
19) T n-Tetratriacontane (C34)	19.683	154148	1.114 ug/ml
22) T n-Tetracontane (C40)	22.111	309122	2.524 ug/ml

(f)=RT Delta > 1/2 Window

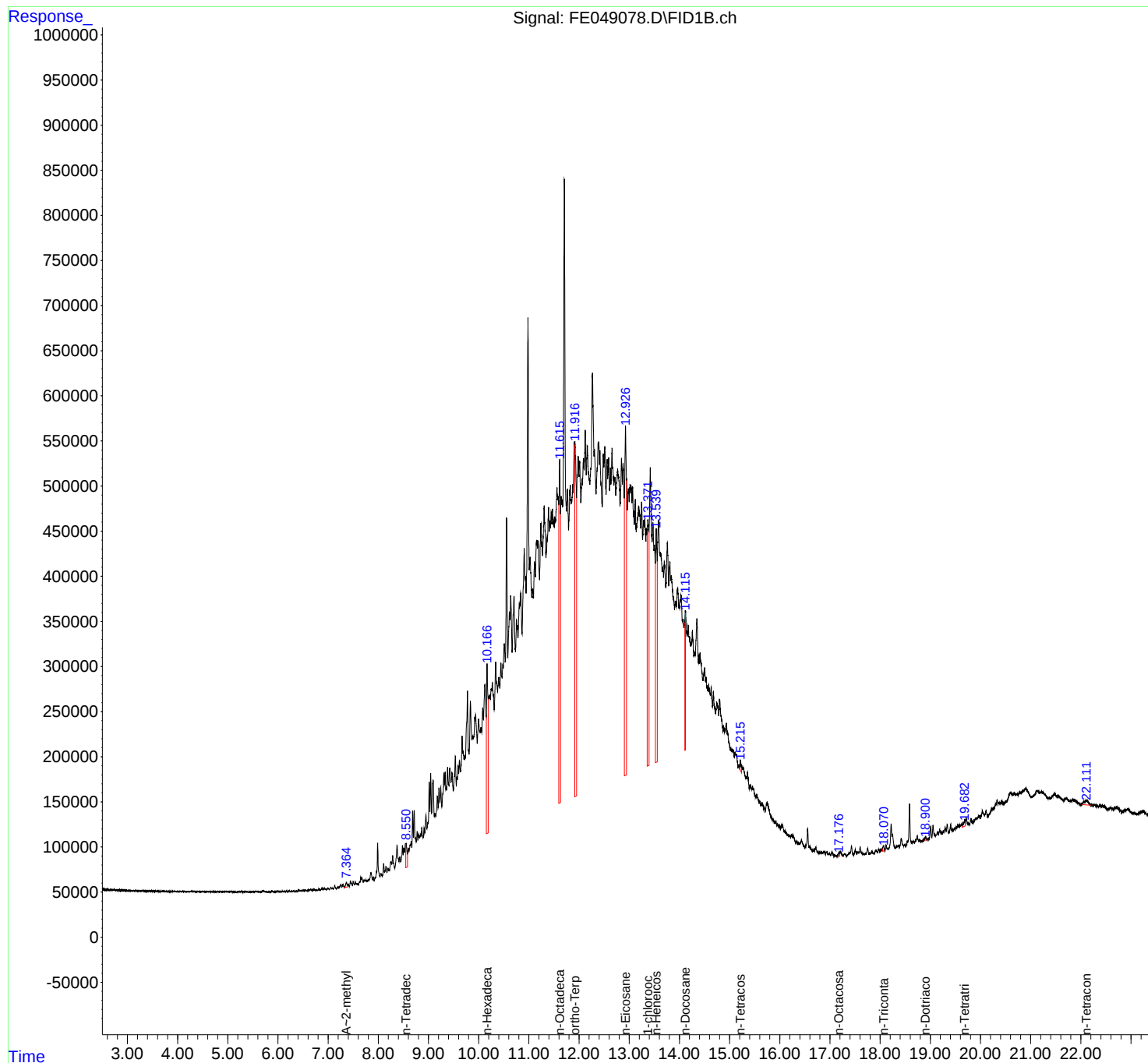
(m)=manual int.

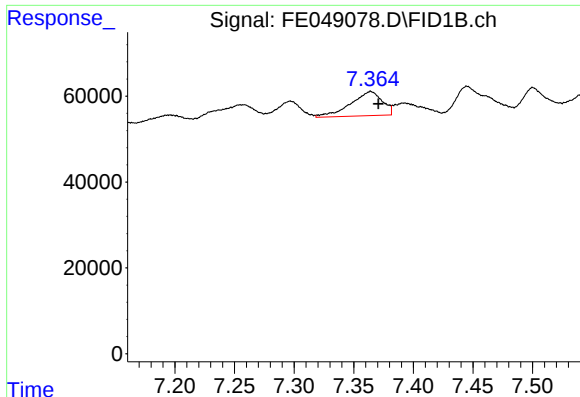
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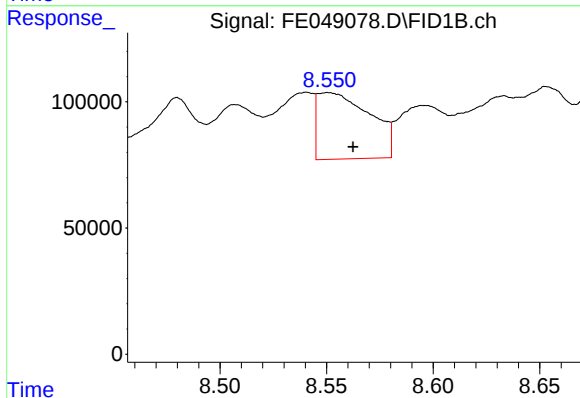




#5 A~2-methylnaphthalene (C12.89)

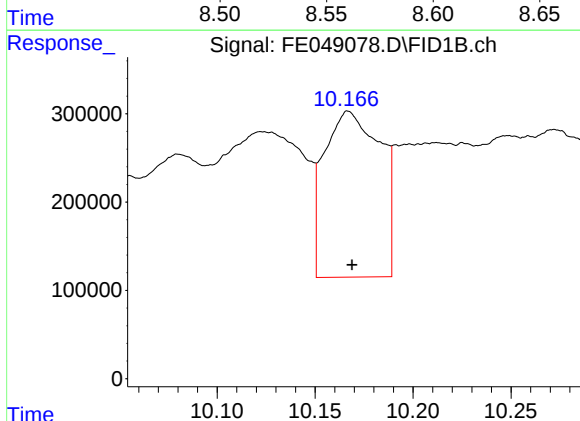
R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 103585
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :



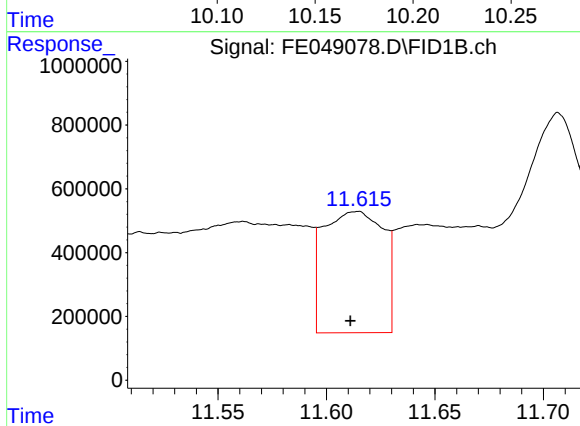
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.012 min
Response: 452088
Conc: 2.95 ug/ml



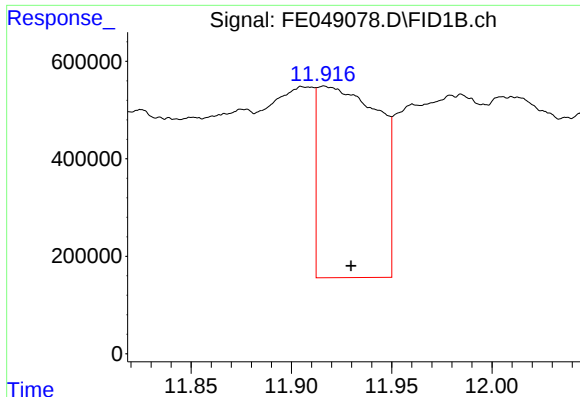
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: -0.002 min
Response: 3733614
Conc: 23.88 ug/ml



#8 n-Octadecane (C18)

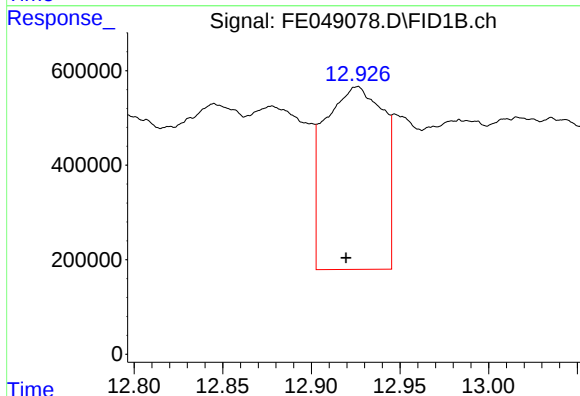
R.T.: 11.615 min
Delta R.T.: 0.004 min
Response: 7344541
Conc: 46.05 ug/ml



#9 ortho-Terphenyl (SURR)

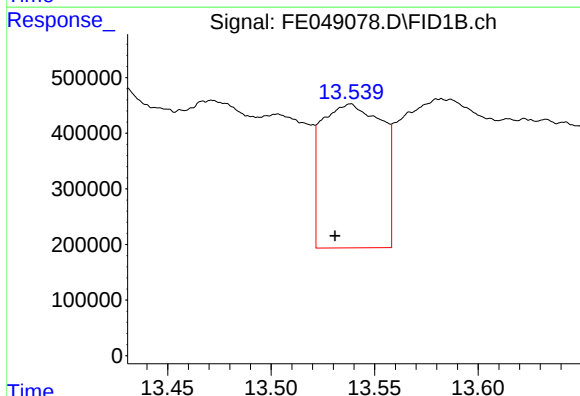
R.T.: 11.916 min
Delta R.T.: -0.013 min
Response: 8305535
Conc: 49.67 ug/ml

Instrument :
FID_E
ClientSampleId :



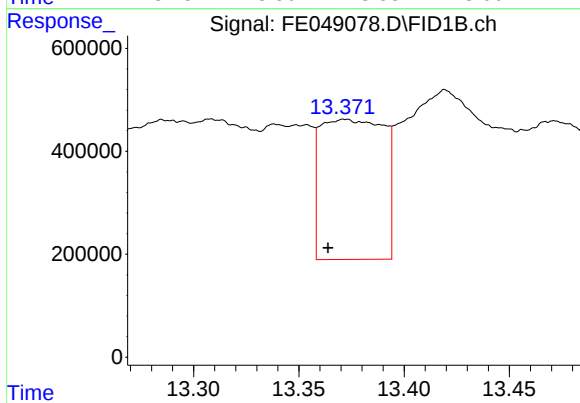
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.007 min
Response: 8923491
Conc: 57.56 ug/ml



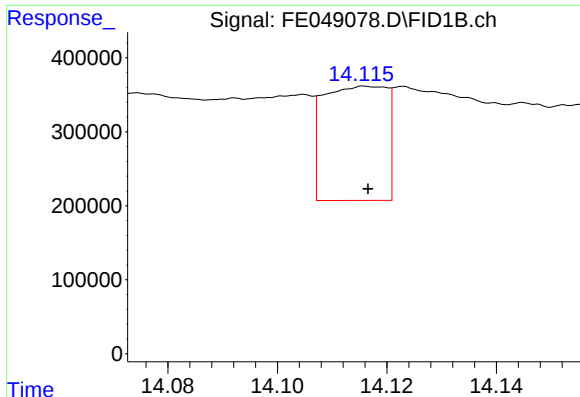
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.008 min
Response: 5265072
Conc: 34.58 ug/ml



#12 1-chlorooctadecane (SURR)

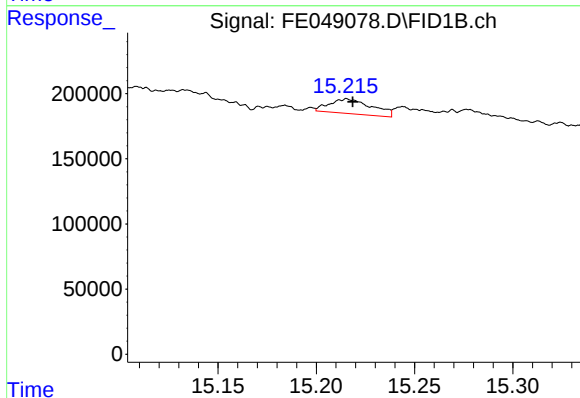
R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 5714971
Conc: 44.44 ug/ml



#13 n-Docosane (C22)

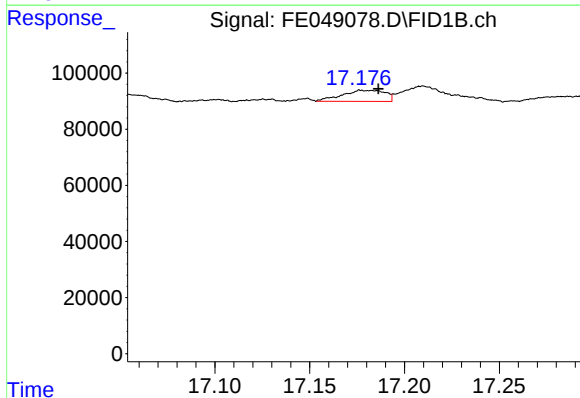
R.T.: 14.116 min
Delta R.T.: 0.000 min
Response: 1240741
Conc: 8.20 ug/ml

Instrument :
FID_E
ClientSampleId :



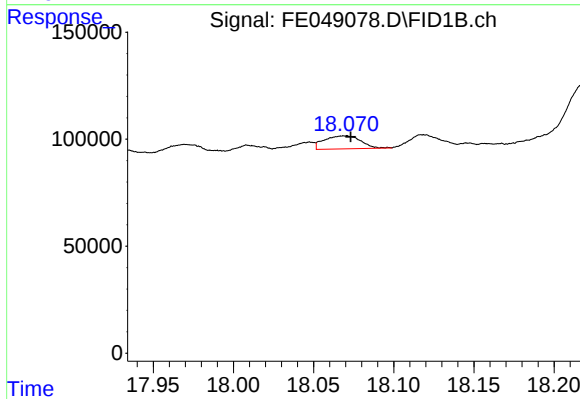
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.003 min
Response: 169308
Conc: 1.13 ug/ml



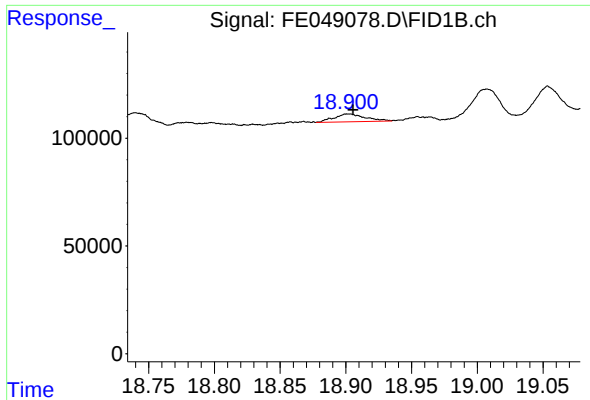
#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.009 min
Response: 62570
Conc: 0.43 ug/ml



#17 n-Tricontane (C30)

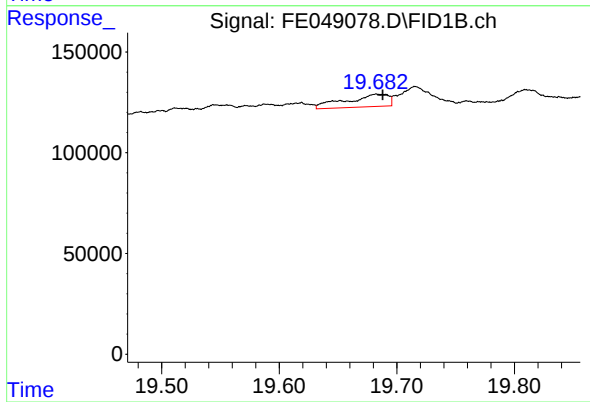
R.T.: 18.071 min
Delta R.T.: -0.002 min
Response: 96397
Conc: 0.66 ug/ml



#18 n-Dotriacontane (C32)

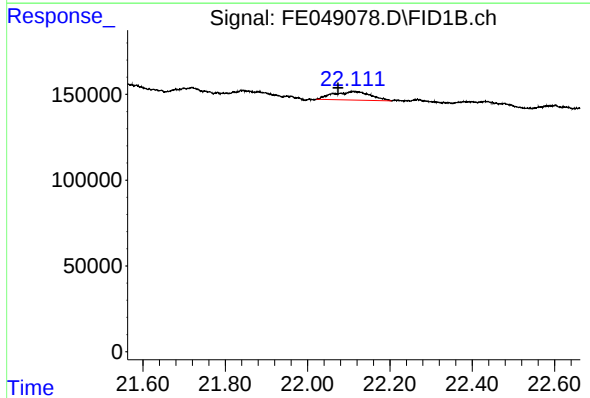
R.T.: 18.903 min
Delta R.T.: -0.002 min
Response: 60112
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 154148
Conc: 1.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.037 min
Response: 309122
Conc: 2.52 ug/ml