

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052668.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 19:20
 Operator : YP\AJ
 Sample : Q1490-01DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 02:11:01 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)	11.915	527512	3.129 ug/ml
Spiked Amount 50.000		Recovery =	6.26%
12) S 1-chlorooctadecane (S...	13.362	382199	3.148 ug/ml
Spiked Amount 50.000		Recovery =	6.30%
Target Compounds			
6) T n-Tetradecane (C14)	8.533	178821	1.182 ug/ml
7) T n-Hexadecane (C16)	10.150	297887	1.948 ug/ml
8) T n-Octadecane (C18)	11.599	242661	1.595 ug/ml
10) T n-Eicosane (C20)	12.915	182055	1.254 ug/ml
11) T n-Heneicosane (C21)	13.529	124107	0.872 ug/ml
13) T n-Docosane (C22)	14.118	96176	0.676 ug/ml
17) T n-Tricontane (C30)	18.093	227473	1.540 ug/ml
21) T n-Octatriacontane (C38)	21.117f	42638	0.384 ug/ml
22) T n-Tetracontane (C40)	22.133	81955	0.758 ug/ml

(f)=RT Delta > 1/2 Window

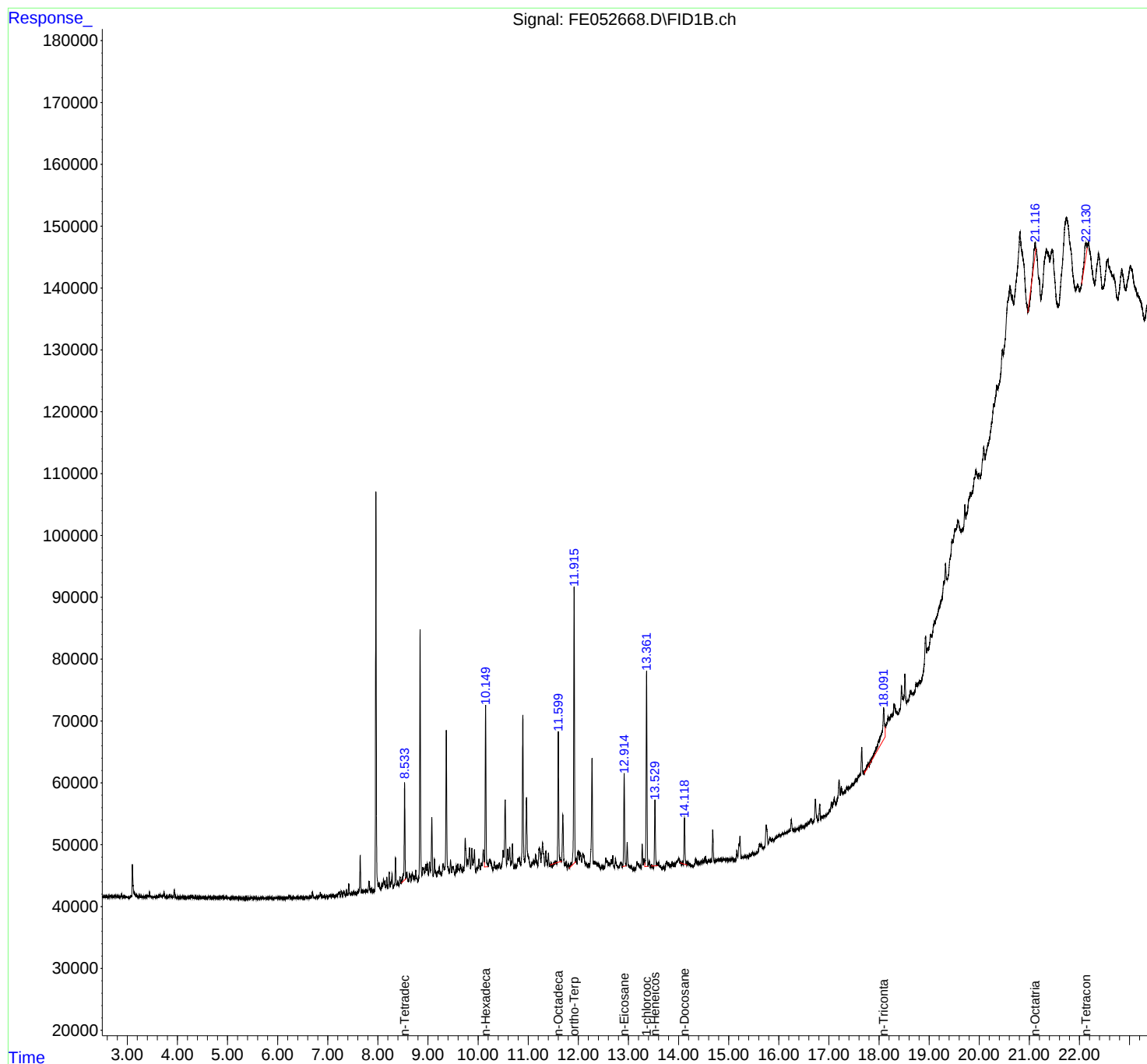
(m)=manual int.

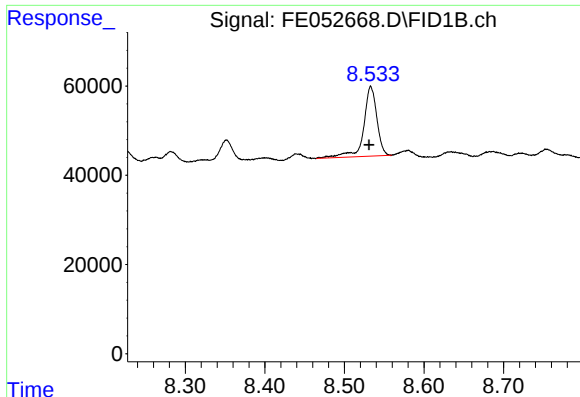
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Signal Info : 20M x 0.18mm x 0.18um

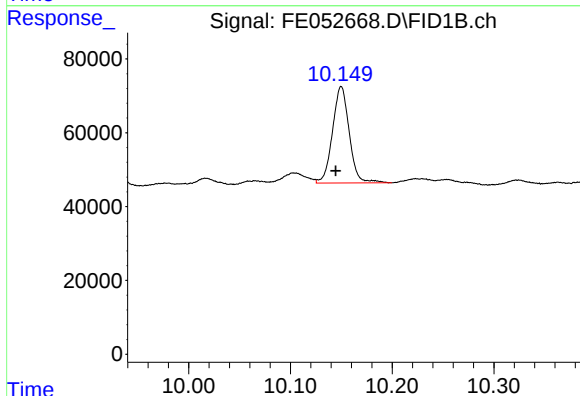




#6 n-Tetradecane (C14)

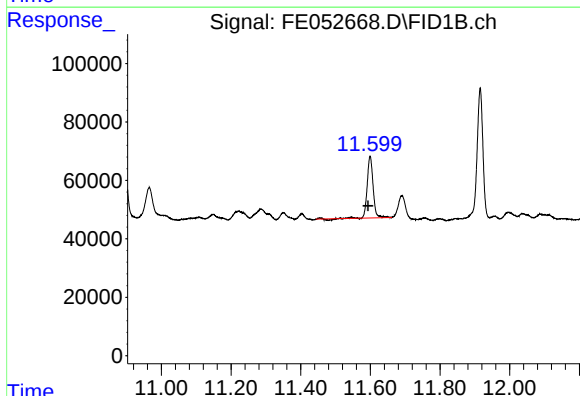
R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 178821
Conc: 1.18 ug/ml

Instrument :
FID_E
ClientSampleId :



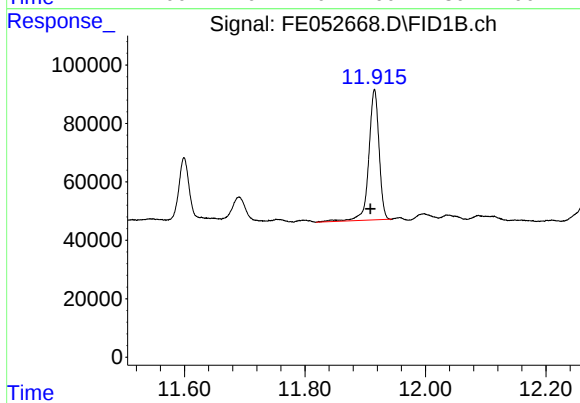
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.005 min
Response: 297887
Conc: 1.95 ug/ml



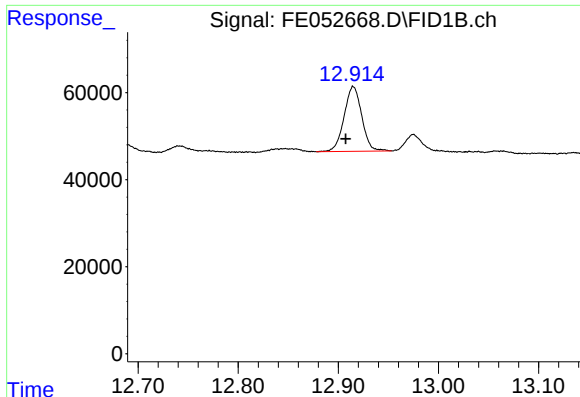
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: 0.006 min
Response: 242661
Conc: 1.59 ug/ml



#9 ortho-Terphenyl (SURR)

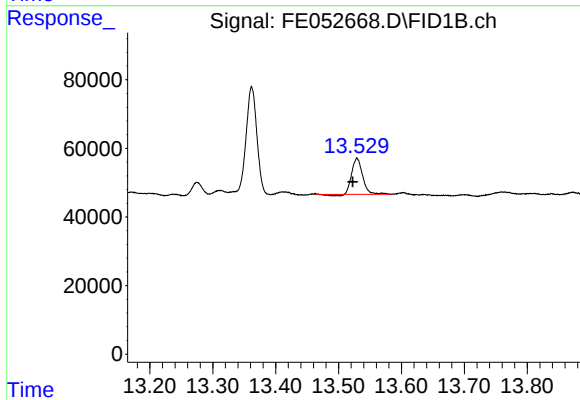
R.T.: 11.915 min
Delta R.T.: 0.007 min
Response: 527512
Conc: 3.13 ug/ml



#10 n-Eicosane (C20)

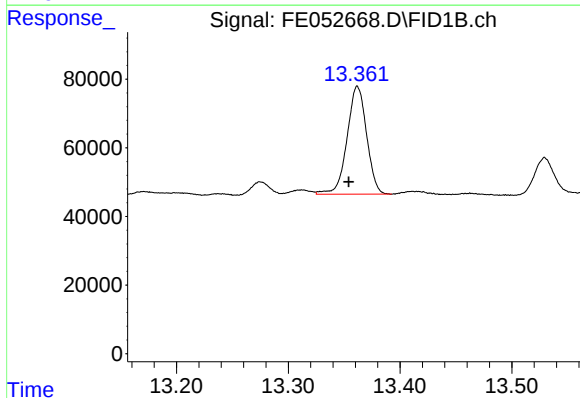
R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 182055
Conc: 1.25 ug/ml

Instrument :
FID_E
ClientSampleId :



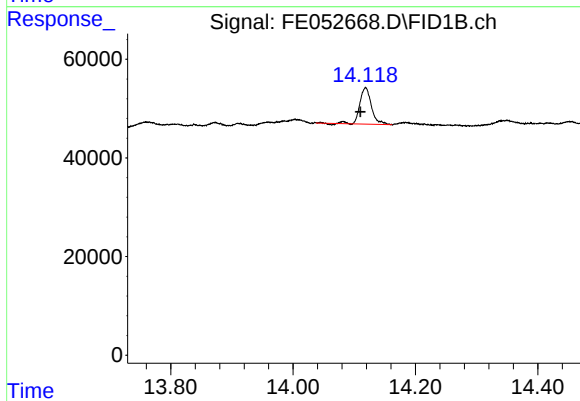
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.007 min
Response: 124107
Conc: 0.87 ug/ml



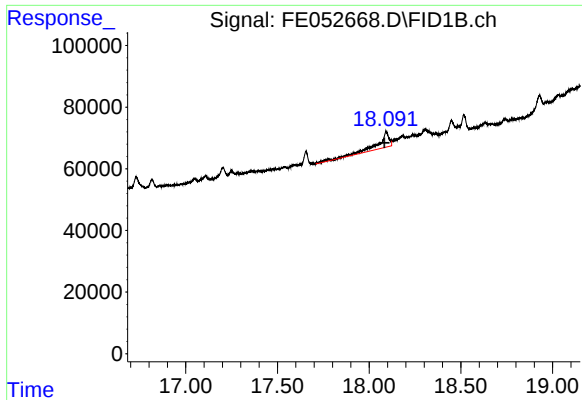
#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: 0.008 min
Response: 382199
Conc: 3.15 ug/ml



#13 n-Docosane (C22)

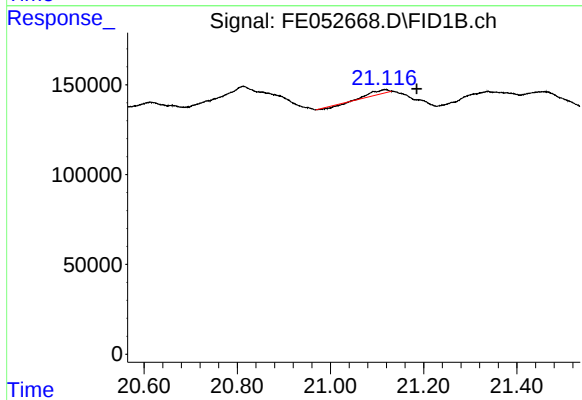
R.T.: 14.118 min
Delta R.T.: 0.008 min
Response: 96176
Conc: 0.68 ug/ml



#17 n-Tricontane (C30)

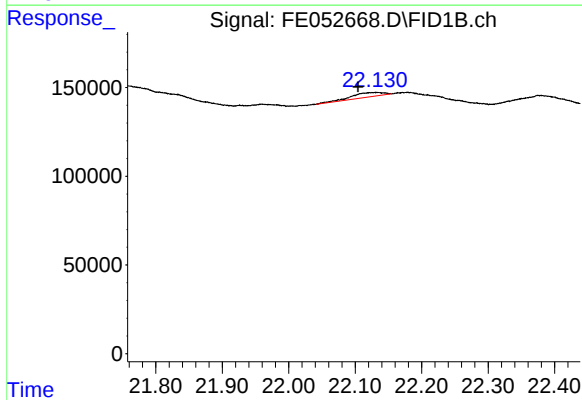
R.T.: 18.093 min
Delta R.T.: 0.010 min
Response: 227473
Conc: 1.54 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.068 min
Response: 42638
Conc: 0.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: 0.028 min
Response: 81955
Conc: 0.76 ug/ml