

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049521.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 16:40
 Operator : YP\AJ
 Sample : P3509-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 09 01:26:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.927	53369	0.344 ug/ml
Spiked Amount 50.000		Recovery =	0.69%
12) S 1-chlorooctadecane (S...	13.366	506111	4.332 ug/ml
Spiked Amount 50.000		Recovery =	8.66%
Target Compounds			
6) T n-Tetradecane (C14)	8.523	66236	0.436 ug/ml
7) T n-Hexadecane (C16)	10.130	79679	0.525 ug/ml
8) T n-Octadecane (C18)	11.570	57607	0.379 ug/ml
10) T n-Eicosane (C20)	12.878	74248	0.513 ug/ml
11) T n-Heneicosane (C21)	13.549	209463	1.477 ug/ml
13) T n-Docosane (C22)	14.075	28036	0.200 ug/ml
14) T n-Tetracosane (C24)	15.165	151506	1.081 ug/ml
16) T n-Octacosane (C28)	17.164	100810	0.720 ug/ml
17) T n-Tricontane (C30)	18.031	143599	0.984 ug/ml
18) T n-Dotriacontane (C32)	18.860	159127	1.082 ug/ml
19) T n-Tetratriacontane (C34)	19.647	112330	0.769 ug/ml
21) T n-Octatriacontane (C38)	21.143	123781	0.827 ug/ml
22) T n-Tetracontane (C40)	22.035	70479	0.467 ug/ml

(f)=RT Delta > 1/2 Window

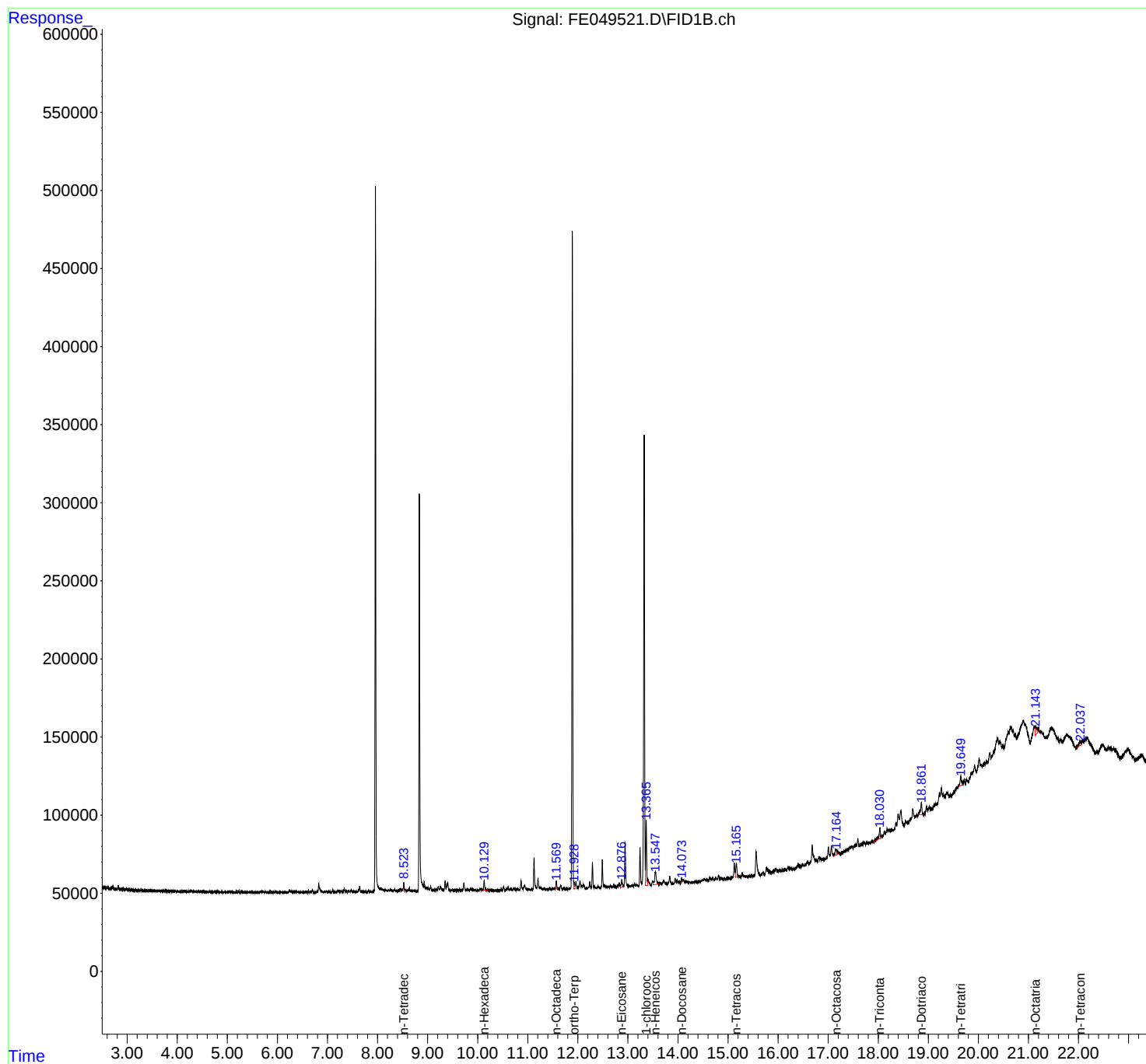
(m)=manual int.

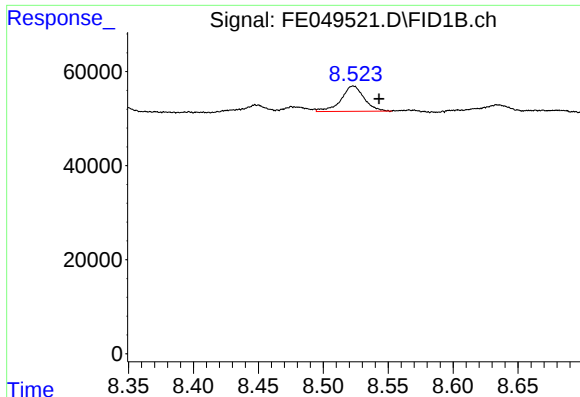
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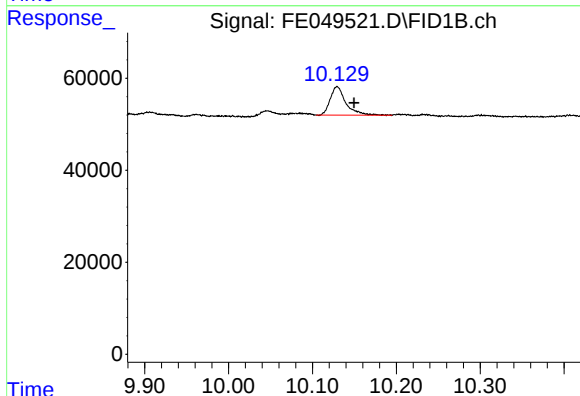




#6 n-Tetradecane (C14)

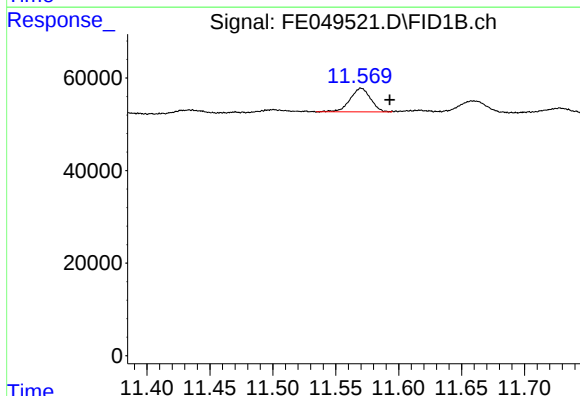
R.T.: 8.523 min
Delta R.T.: -0.020 min
Response: 66236
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



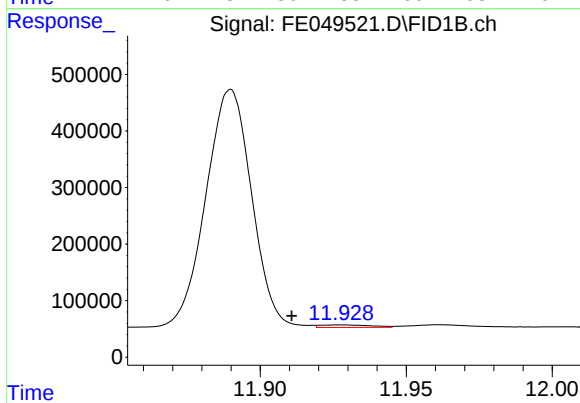
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.020 min
Response: 79679
Conc: 0.53 ug/ml



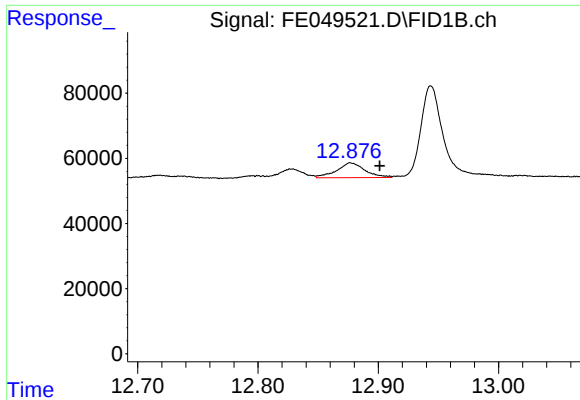
#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: -0.023 min
Response: 57607
Conc: 0.38 ug/ml



#9 ortho-Terphenyl (SURR)

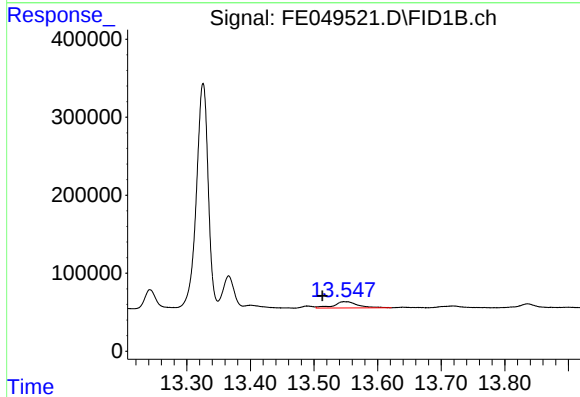
R.T.: 11.927 min
Delta R.T.: 0.016 min
Response: 53369
Conc: 0.34 ug/ml



#10 n-Eicosane (C20)

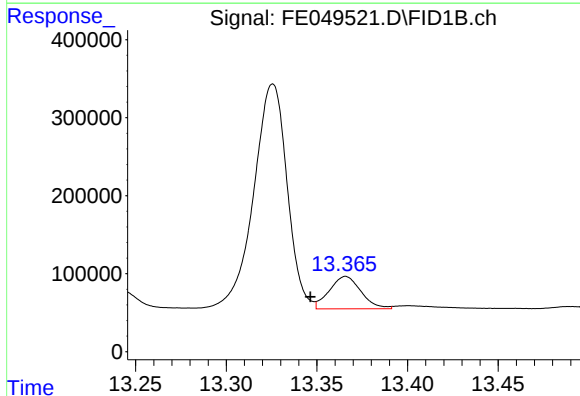
R.T.: 12.878 min
Delta R.T.: -0.023 min
Response: 74248
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



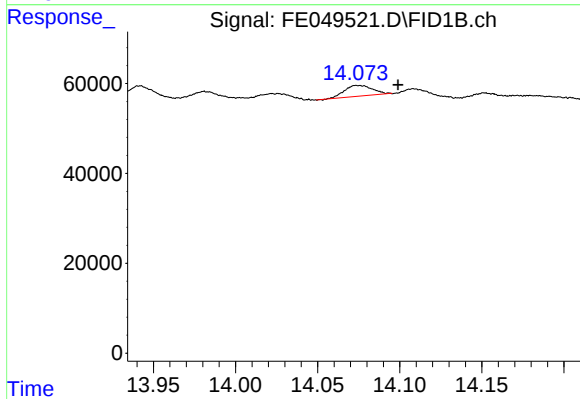
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.036 min
Response: 209463
Conc: 1.48 ug/ml



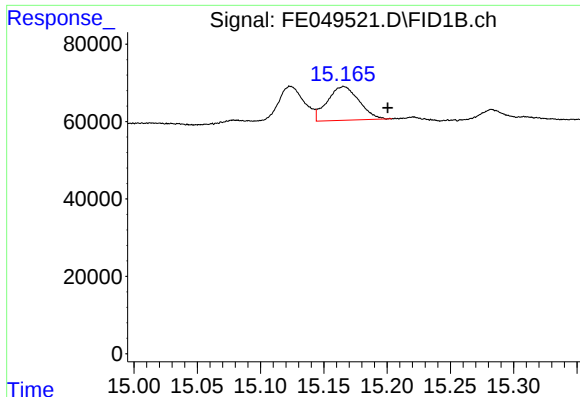
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: 0.019 min
Response: 506111
Conc: 4.33 ug/ml



#13 n-Docosane (C22)

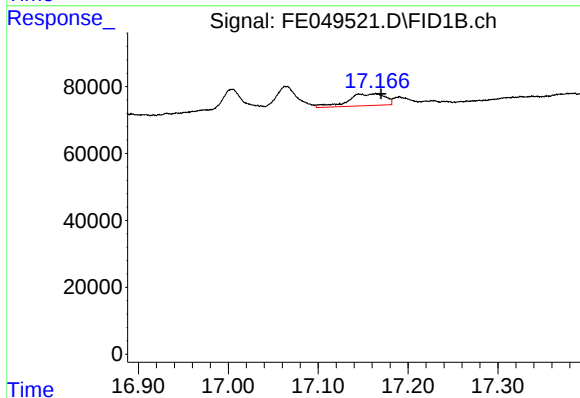
R.T.: 14.075 min
Delta R.T.: -0.024 min
Response: 28036
Conc: 0.20 ug/ml



#14 n-Tetracosane (C24)

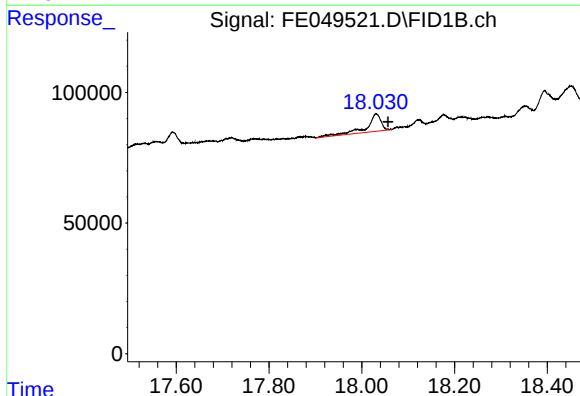
R.T.: 15.165 min
Delta R.T.: -0.035 min
Response: 151506
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :



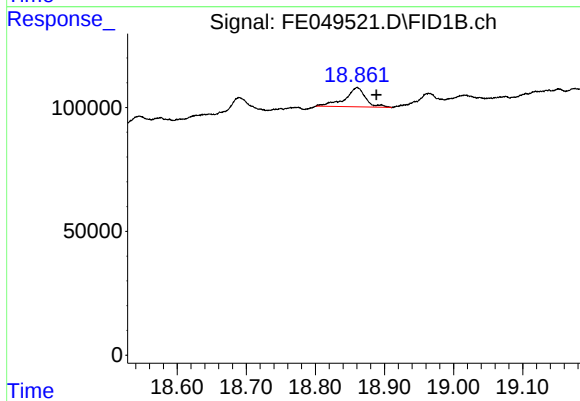
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 100810
Conc: 0.72 ug/ml



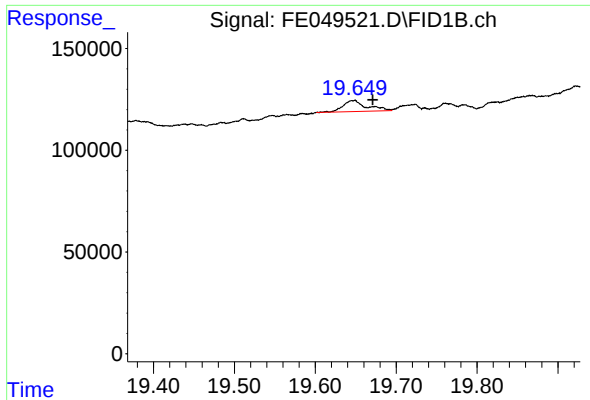
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.025 min
Response: 143599
Conc: 0.98 ug/ml



#18 n-Dotriacontane (C32)

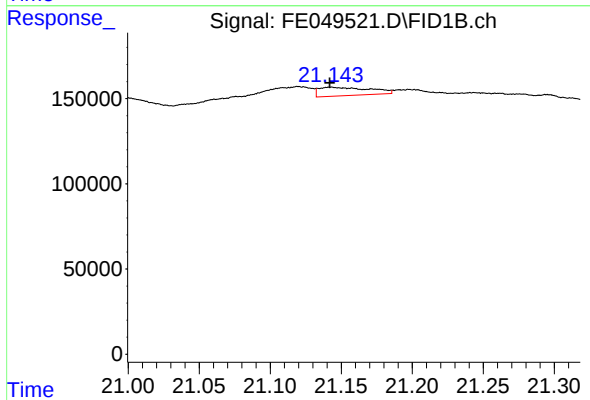
R.T.: 18.860 min
Delta R.T.: -0.028 min
Response: 159127
Conc: 1.08 ug/ml



#19 n-Tetratriacontane (C34)

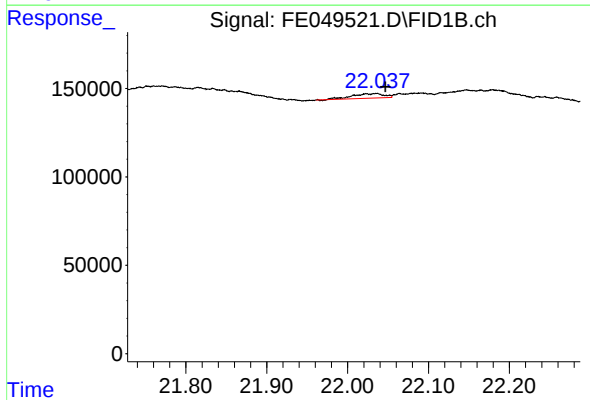
R.T.: 19.647 min
Delta R.T.: -0.024 min
Response: 112330
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.001 min
Response: 123781
Conc: 0.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.012 min
Response: 70479
Conc: 0.47 ug/ml