

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052395.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 17:36
 Operator : YP\AJ
 Sample : Q1366-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 14 22:00:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.917	5289219	28.295 ug/ml
Spiked Amount 50.000		Recovery =	56.59%
12) S 1-chlorooctadecane (S...	13.363	3977200	28.614 ug/ml
Spiked Amount 50.000		Recovery =	57.23%
Target Compounds			
6) T n-Tetradecane (C14)	8.535	140453	0.892 ug/ml
7) T n-Hexadecane (C16)	10.149	162263	0.993 ug/ml
8) T n-Octadecane (C18)	11.599	133981	0.810 ug/ml
10) T n-Eicosane (C20)	12.915	108835	0.683 ug/ml
17) T n-Tricontane (C30)	18.092	342748	2.196 ug/ml
18) T n-Dotriacontane (C32)	18.928	171543	1.121 ug/ml
19) T n-Tetratriacontane (C34)	19.714	256402	1.802 ug/ml
20) T n-Hexatriacontane (C36)	20.457	155284	1.246 ug/ml
22) T n-Tetracontane (C40)	22.128	244731	2.433 ug/ml

(f)=RT Delta > 1/2 Window

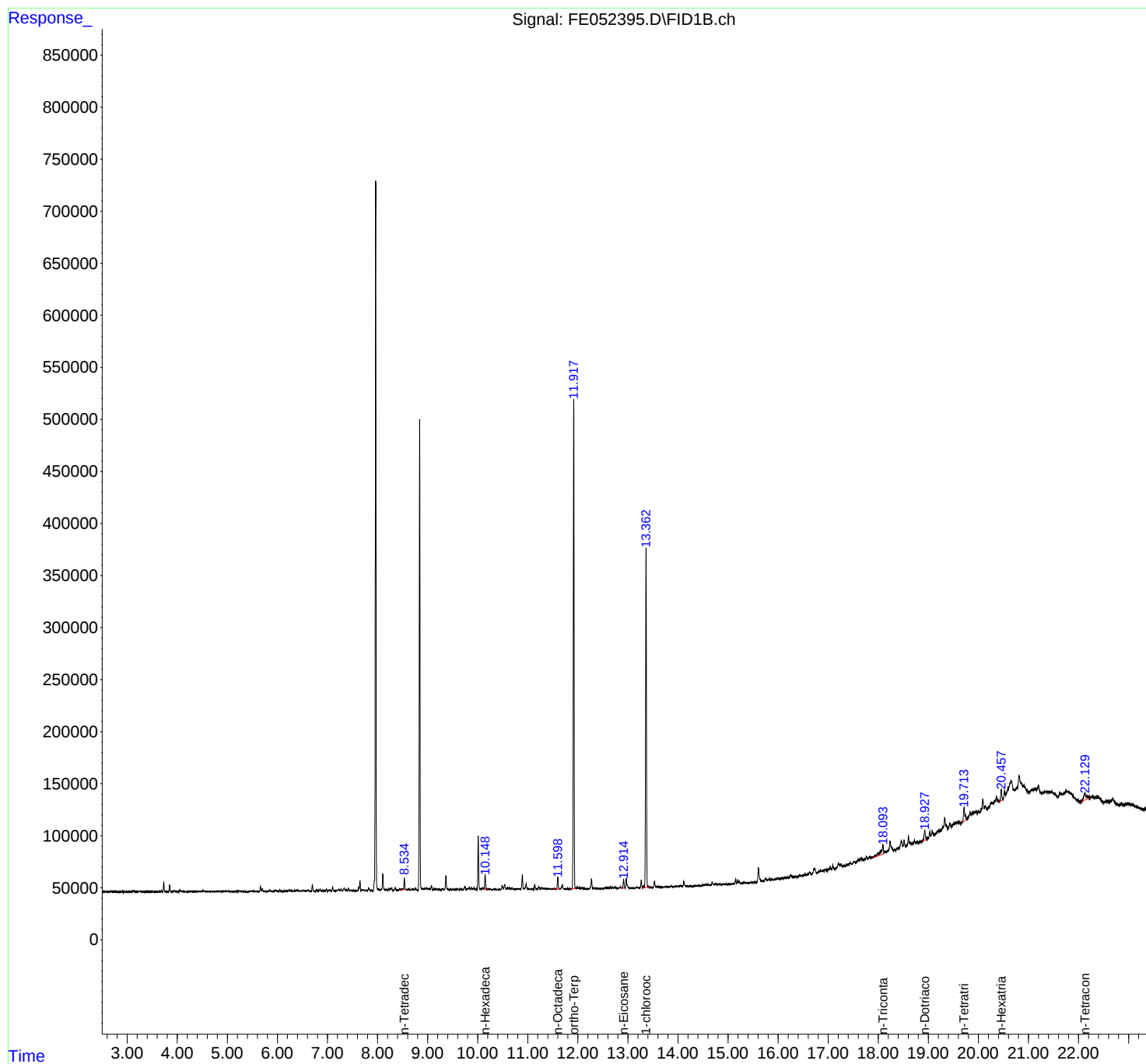
(m)=manual int.

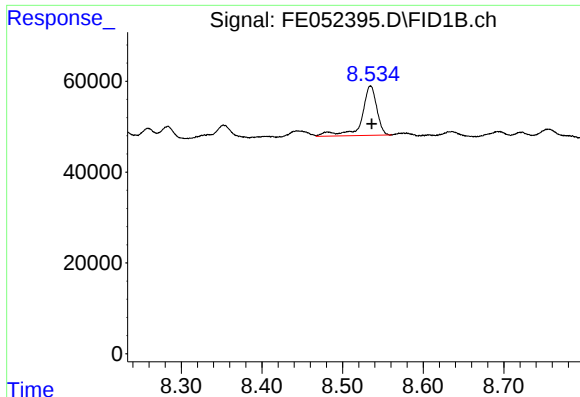
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Signal Info : 20M x 0.18mm x 0.18um

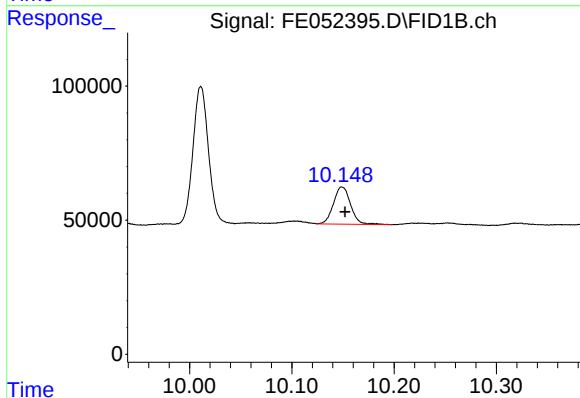




#6 n-Tetradecane (C14)

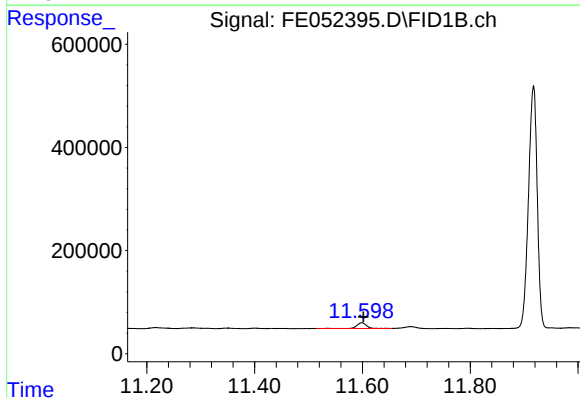
R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 140453
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



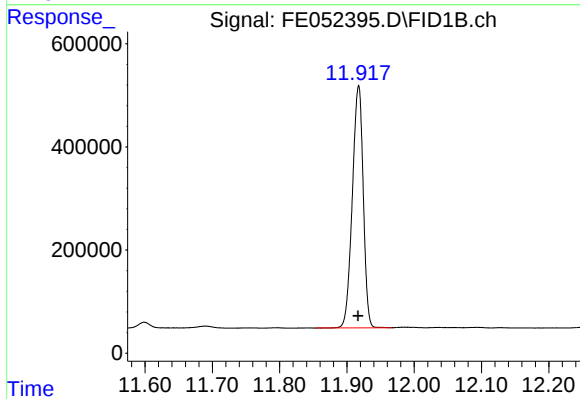
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.003 min
Response: 162263
Conc: 0.99 ug/ml



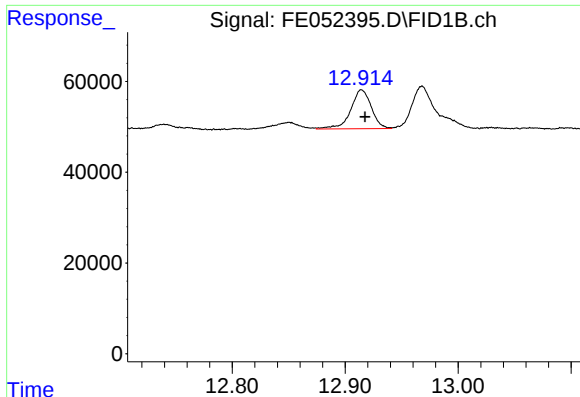
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.003 min
Response: 133981
Conc: 0.81 ug/ml



#9 ortho-Terphenyl (SURR)

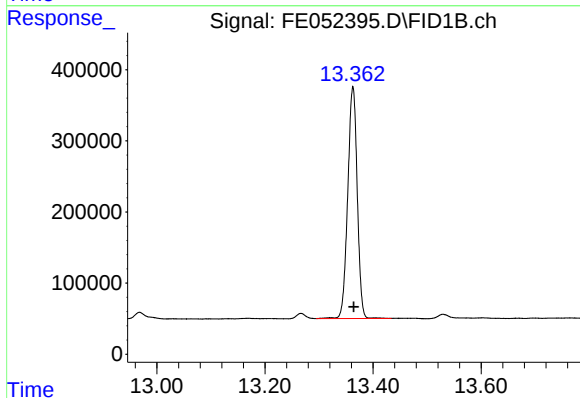
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 5289219
Conc: 28.29 ug/ml



#10 n-Eicosane (C20)

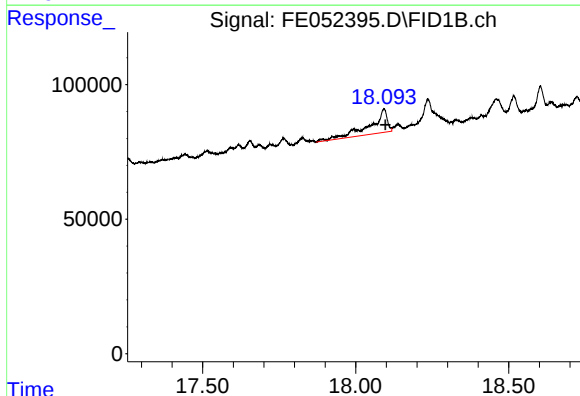
R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 108835
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :



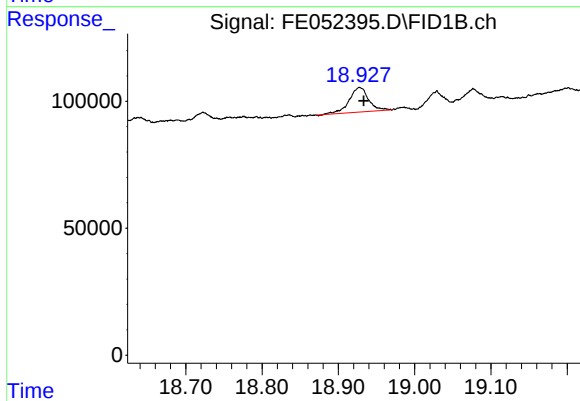
#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 3977200
Conc: 28.61 ug/ml



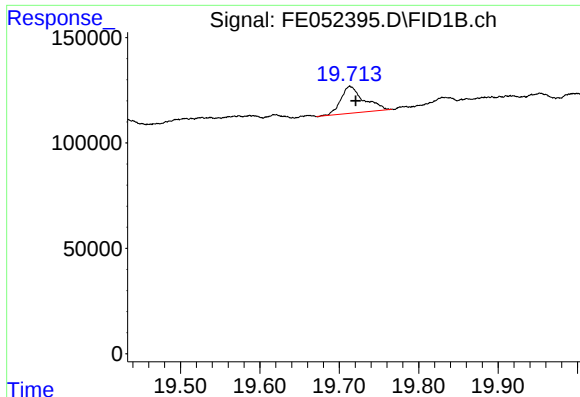
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 342748
Conc: 2.20 ug/ml



#18 n-Dotriacontane (C32)

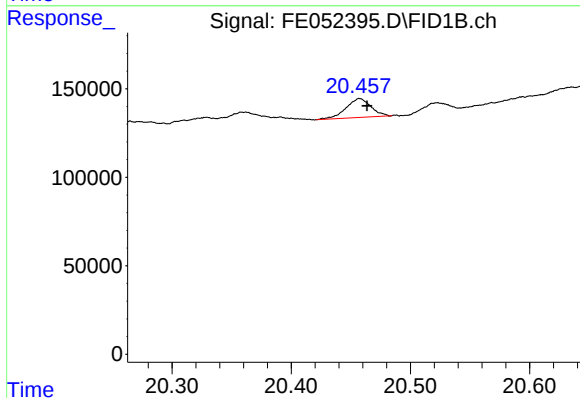
R.T.: 18.928 min
Delta R.T.: -0.005 min
Response: 171543
Conc: 1.12 ug/ml



#19 n-Tetratriacontane (C34)

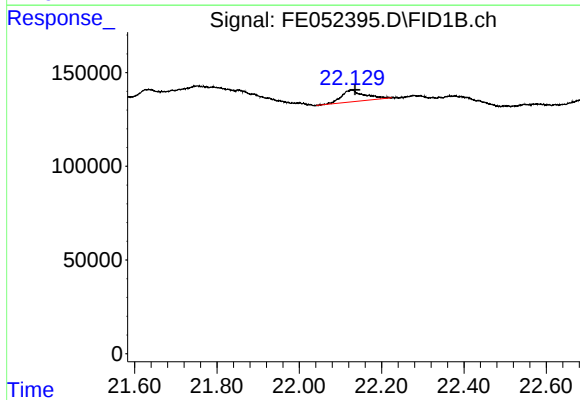
R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 256402
Conc: 1.80 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.006 min
Response: 155284
Conc: 1.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.008 min
Response: 244731
Conc: 2.43 ug/ml