

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048249.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 18:35
 Operator : YP\AJ
 Sample : P2512-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 23:59:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.965	6347475	43.999 ug/ml
Spiked Amount 50.000		Recovery =	88.00%
12) S 1-chlorooctadecane (S...	13.398	5292562	47.365 ug/ml
Spiked Amount 50.000		Recovery =	94.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.589	71644	0.541 ug/ml
7) T n-Hexadecane (C16)	10.197	87847	0.639 ug/ml
8) T n-Octadecane (C18)	11.639	74639	0.536 ug/ml
10) T n-Eicosane (C20)	12.949	150963	1.121 ug/ml
11) T n-Heneicosane (C21)	13.561	21674	0.164 ug/ml
13) T n-Docosane (C22)	14.146	89576	0.676 ug/ml
14) T n-Tetracosane (C24)	15.235	463953	3.484 ug/ml
15) T n-Hexacosane (C26)	16.269	98314	0.737 ug/ml
16) T n-Octacosane (C28)	17.228	216194	1.624 ug/ml
17) T n-Tricontane (C30)	18.106	86135	0.624 ug/ml
18) T n-Dotriacontane (C32)	18.932	141630	1.025 ug/ml
19) T n-Tetratriacontane (C34)	19.722	68307	0.501 ug/ml
21) T n-Octatriacontane (C38)	21.139f	86686	0.628 ug/ml
22) T n-Tetracontane (C40)	22.115	1138532	8.172 ug/ml

(f)=RT Delta > 1/2 Window

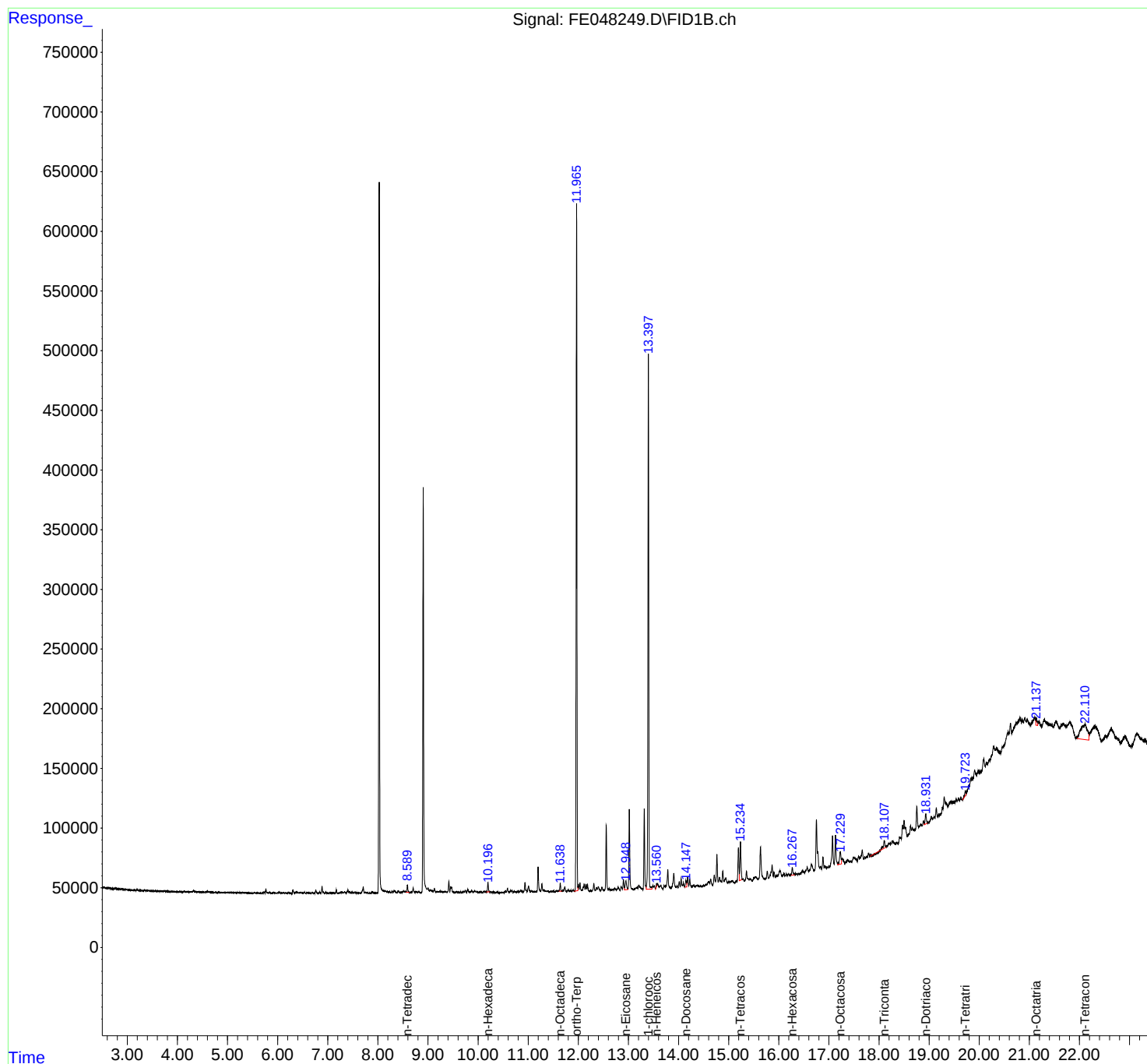
(m)=manual int.

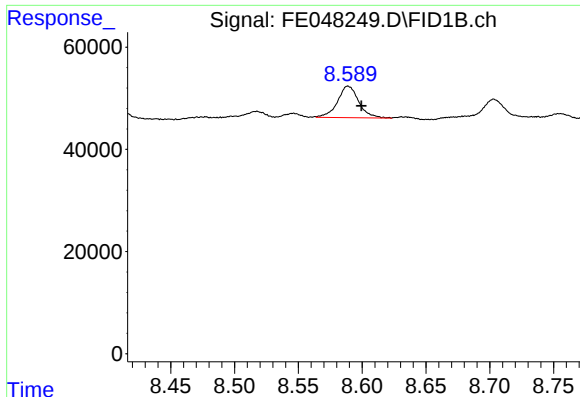
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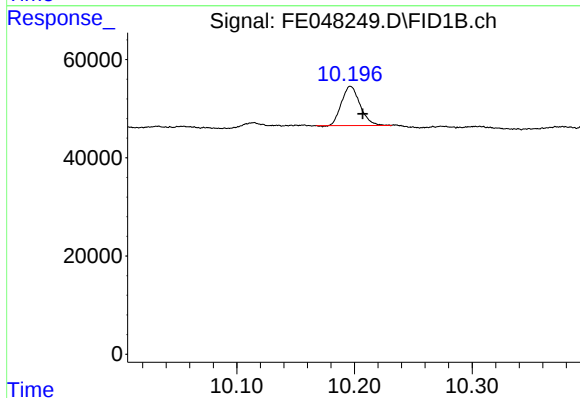




#6 n-Tetradecane (C14)

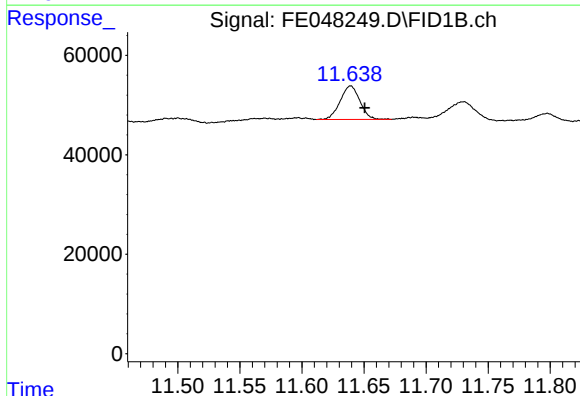
R.T.: 8.589 min
Delta R.T.: -0.011 min
Response: 71644
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :



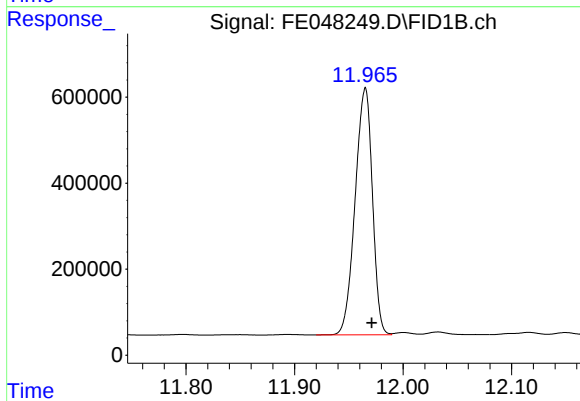
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.010 min
Response: 87847
Conc: 0.64 ug/ml



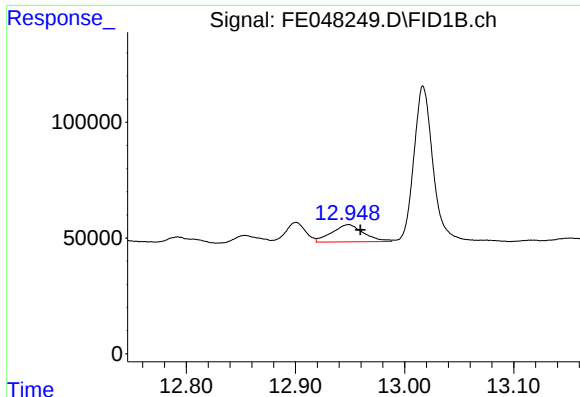
#8 n-Octadecane (C18)

R.T.: 11.639 min
Delta R.T.: -0.011 min
Response: 74639
Conc: 0.54 ug/ml



#9 ortho-Terphenyl (SURR)

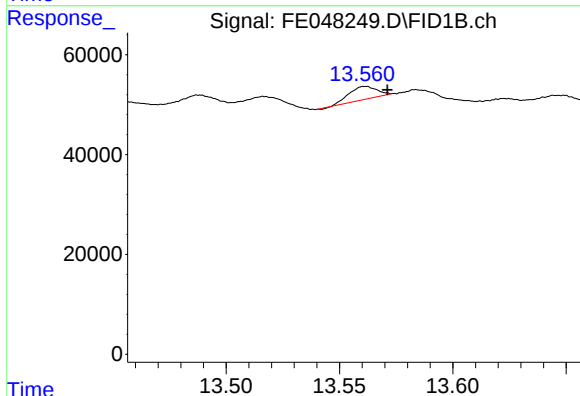
R.T.: 11.965 min
Delta R.T.: -0.006 min
Response: 6347475
Conc: 44.00 ug/ml



#10 n-Eicosane (C20)

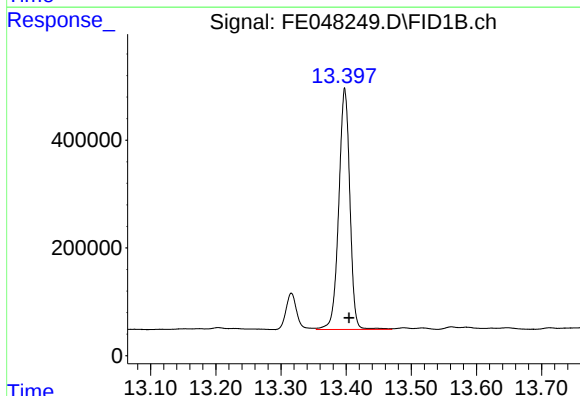
R.T.: 12.949 min
Delta R.T.: -0.011 min
Response: 150963
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



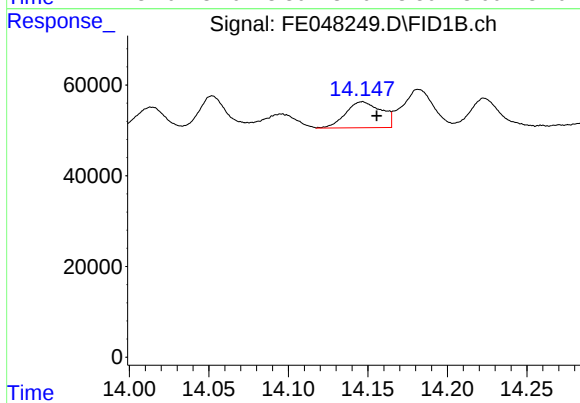
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 21674
Conc: 0.16 ug/ml



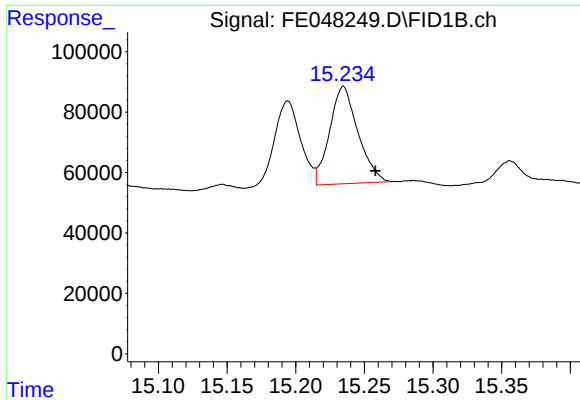
#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.007 min
Response: 5292562
Conc: 47.36 ug/ml



#13 n-Docosane (C22)

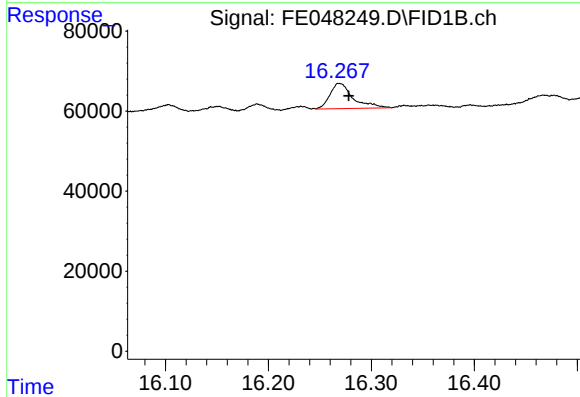
R.T.: 14.146 min
Delta R.T.: -0.009 min
Response: 89576
Conc: 0.68 ug/ml



#14 n-Tetracosane (C24)

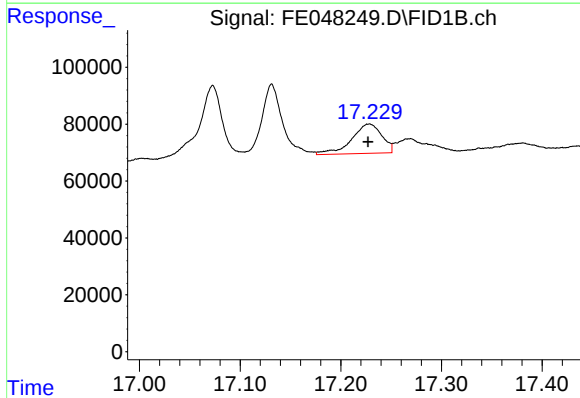
R.T.: 15.235 min
Delta R.T.: -0.023 min
Response: 463953
Conc: 3.48 ug/ml

Instrument :
FID_E
ClientSampleId :



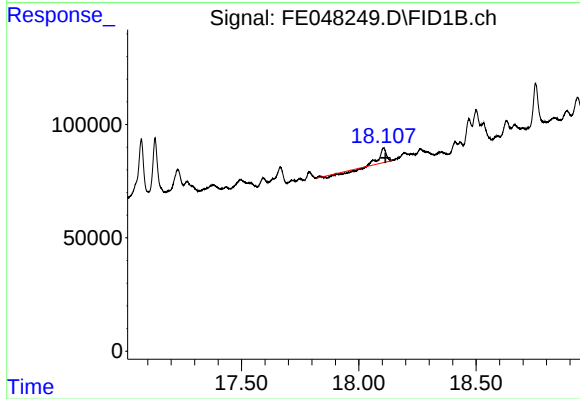
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.009 min
Response: 98314
Conc: 0.74 ug/ml



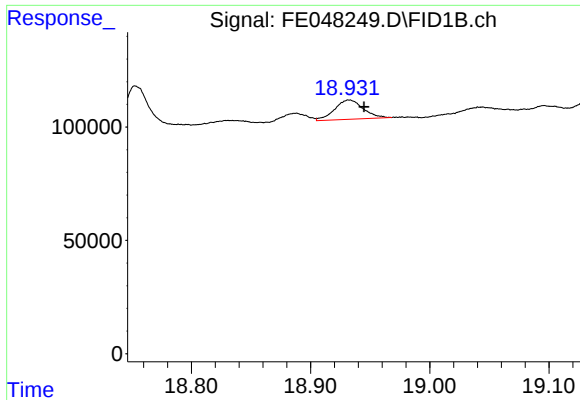
#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: 0.001 min
Response: 216194
Conc: 1.62 ug/ml



#17 n-Tricontane (C30)

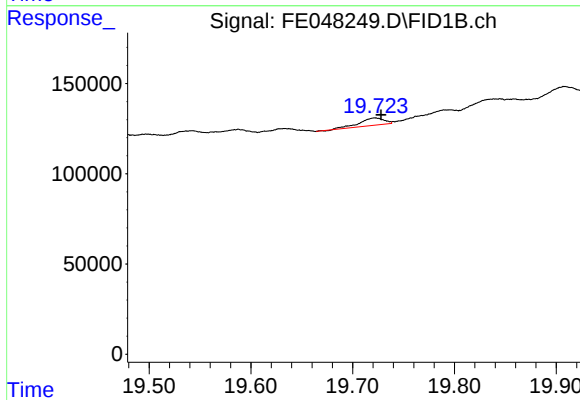
R.T.: 18.106 min
Delta R.T.: -0.008 min
Response: 86135
Conc: 0.62 ug/ml



#18 n-Dotriacontane (C32)

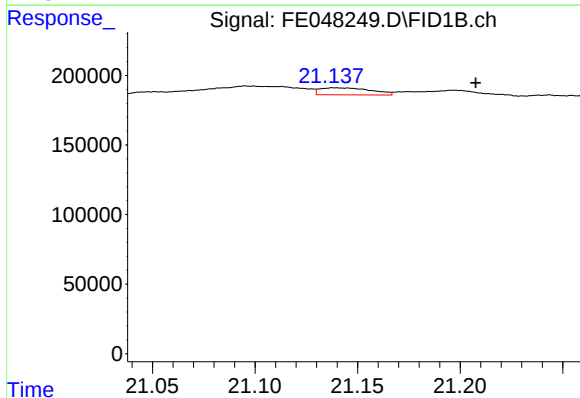
R.T.: 18.932 min
Delta R.T.: -0.012 min
Response: 141630
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :



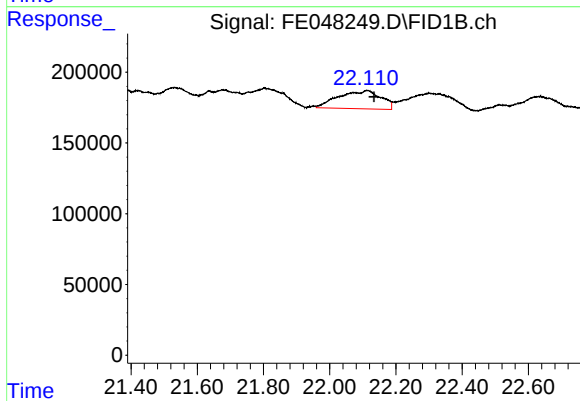
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.006 min
Response: 68307
Conc: 0.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.069 min
Response: 86686
Conc: 0.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.019 min
Response: 1138532
Conc: 8.17 ug/ml