

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062024AL\
 Data File : FE048805.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 07:42
 Operator : YP\AJ
 Sample : P2940-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:19:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.936	5768569	40.172 ug/ml
Spiked Amount 50.000		Recovery =	80.34%
12) S 1-chlorooctadecane (S...	13.372	10267283	94.246 ug/ml
Spiked Amount 50.000		Recovery =	188.49%
Target Compounds			
7) T n-Hexadecane (C16)	10.171	145467	1.032 ug/ml
8) T n-Octadecane (C18)	11.614	152687	1.099 ug/ml
10) T n-Eicosane (C20)	12.923	196041	1.481 ug/ml
11) T n-Heneicosane (C21)	13.540	172319	1.330 ug/ml
13) T n-Docosane (C22)	14.154	82299	0.639 ug/ml
14) T n-Tetracosane (C24)	15.207	256842	1.983 ug/ml
15) T n-Hexacosane (C26)	16.244	40888	0.315 ug/ml
16) T n-Octacosane (C28)	17.194	68131	0.527 ug/ml
17) T n-Tricontane (C30)	18.079	159578	1.191 ug/ml
18) T n-Dotriacontane (C32)	18.908	155324	1.144 ug/ml
19) T n-Tetratriacontane (C34)	19.695	97960	0.716 ug/ml
20) T n-Hexatriacontane (C36)	20.433	51713	0.380 ug/ml

(f)=RT Delta > 1/2 Window

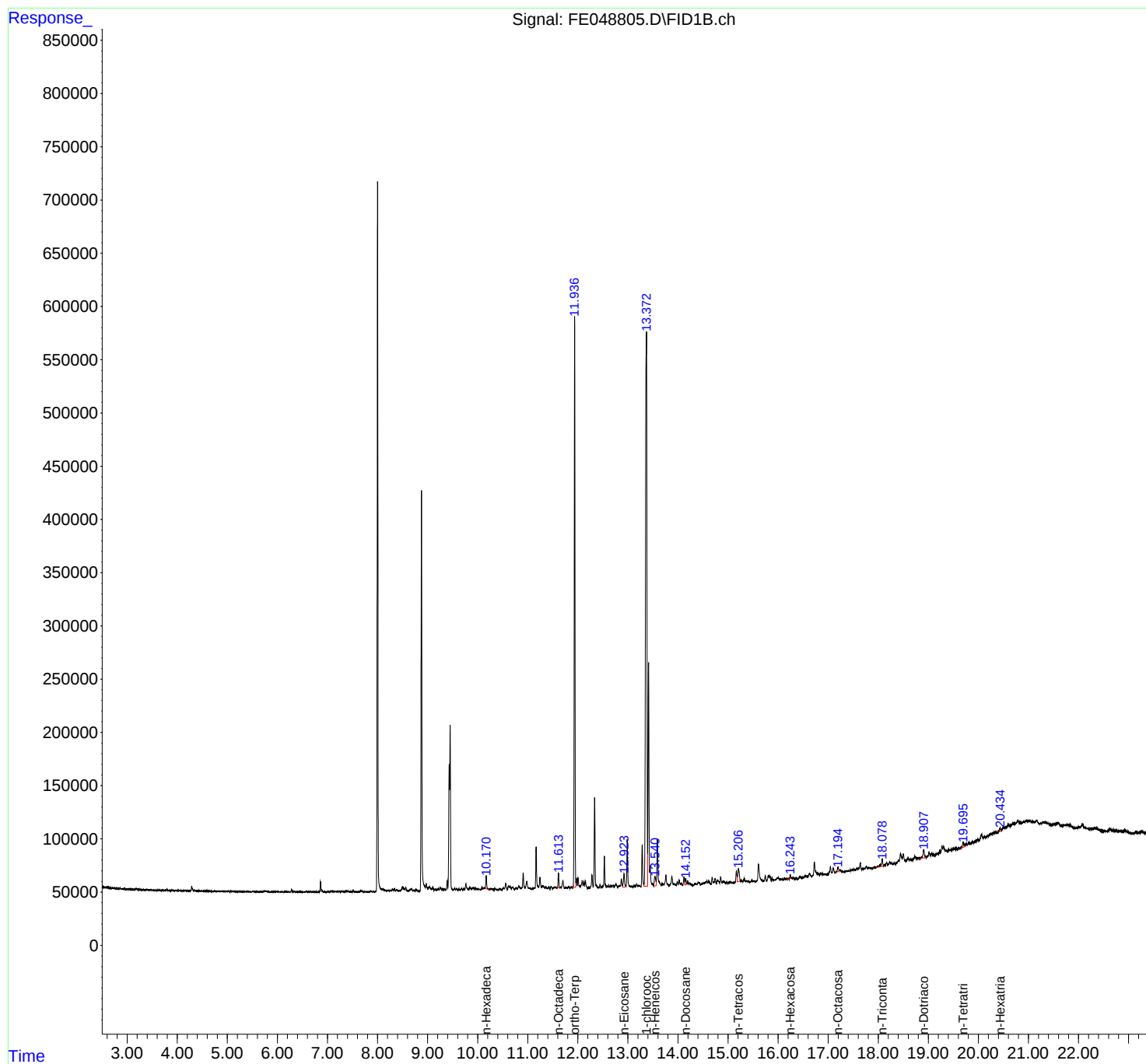
(m)=manual int.

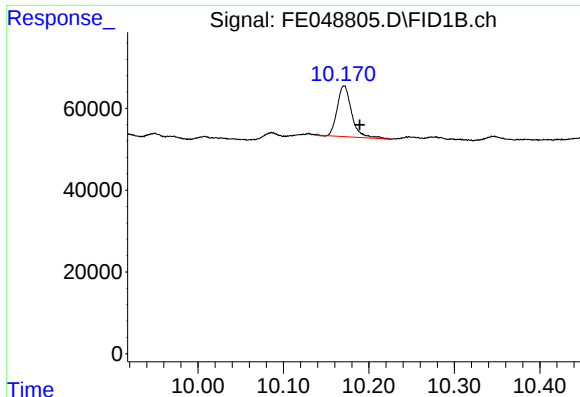
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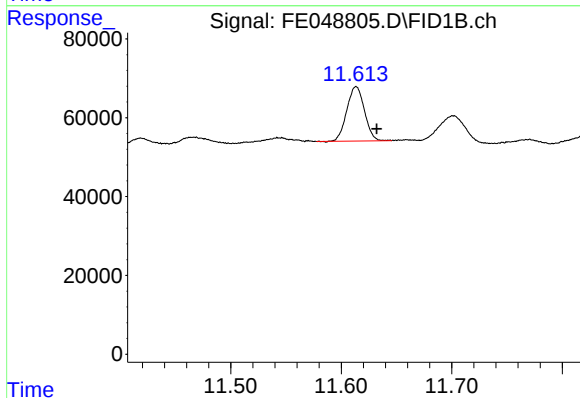




#7 n-Hexadecane (C16)

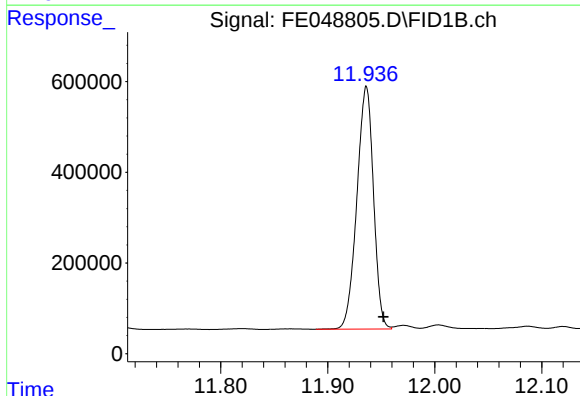
R.T.: 10.171 min
Delta R.T.: -0.018 min
Response: 145467
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :



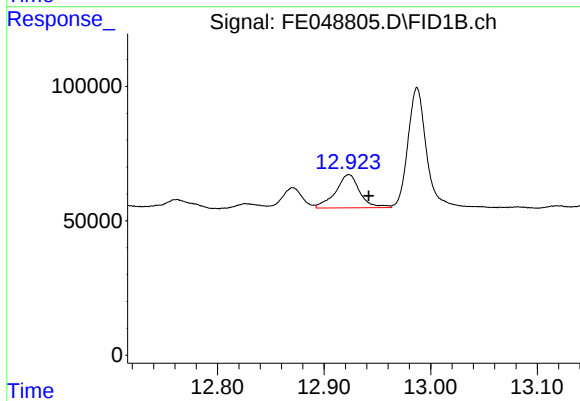
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: -0.018 min
Response: 152687
Conc: 1.10 ug/ml



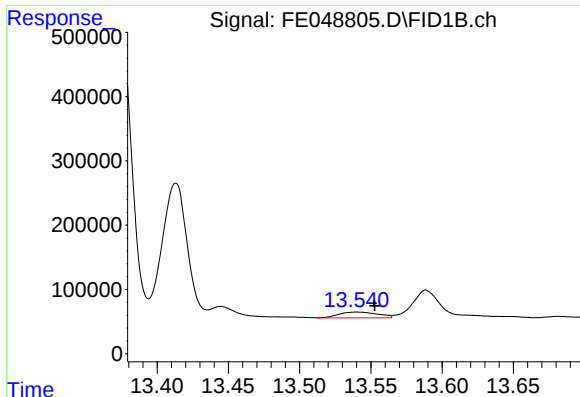
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.016 min
Response: 5768569
Conc: 40.17 ug/ml



#10 n-Eicosane (C20)

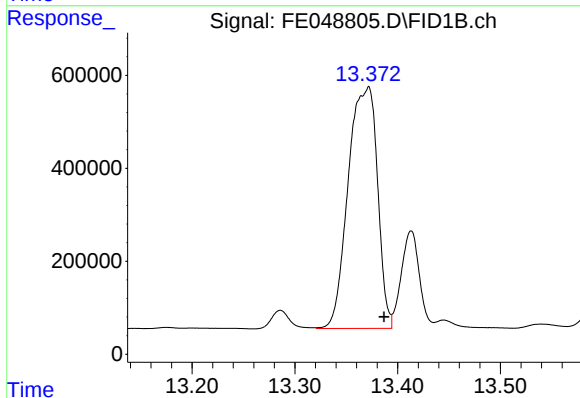
R.T.: 12.923 min
Delta R.T.: -0.018 min
Response: 196041
Conc: 1.48 ug/ml



#11 n-Heneicosane (C21)

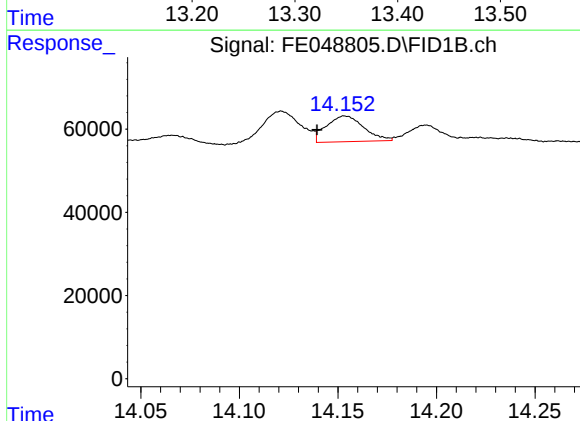
R.T.: 13.540 min
Delta R.T.: -0.013 min
Response: 172319
Conc: 1.33 ug/ml

Instrument :
FID_E
ClientSampleId :



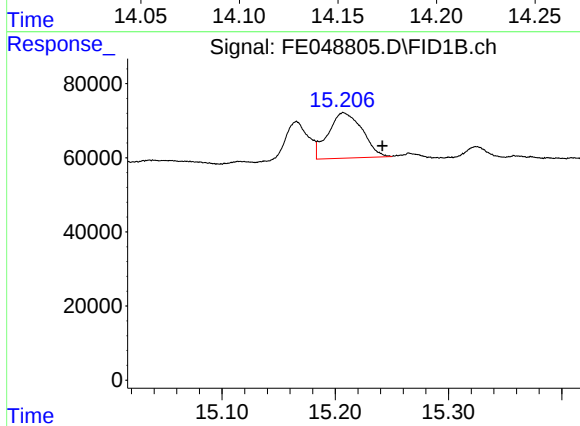
#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 10267283
Conc: 94.25 ug/ml



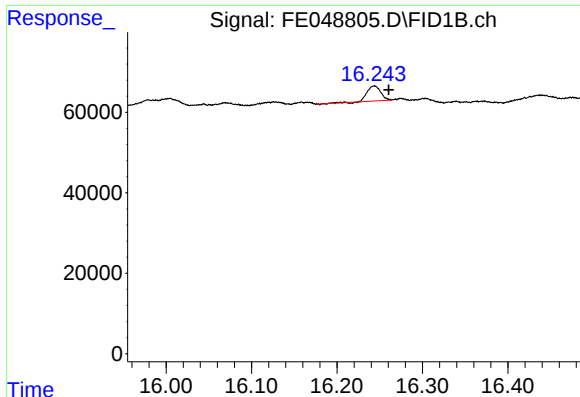
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: 0.014 min
Response: 82299
Conc: 0.64 ug/ml



#14 n-Tetracosane (C24)

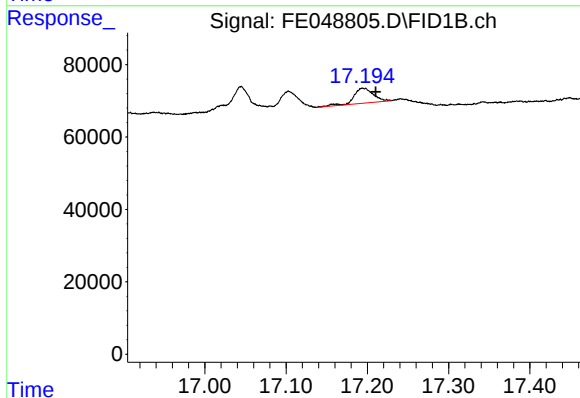
R.T.: 15.207 min
Delta R.T.: -0.035 min
Response: 256842
Conc: 1.98 ug/ml



#15 n-Hexacosane (C26)

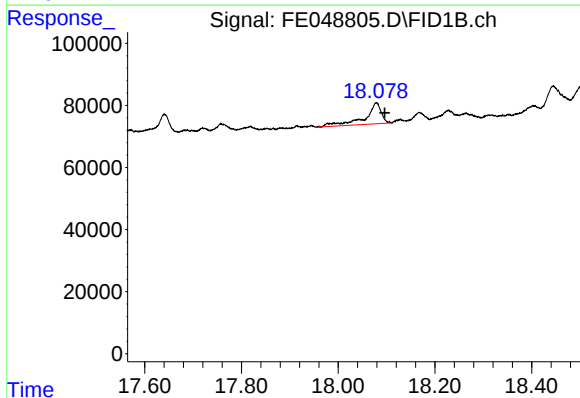
R.T.: 16.244 min
Delta R.T.: -0.017 min
Response: 40888
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



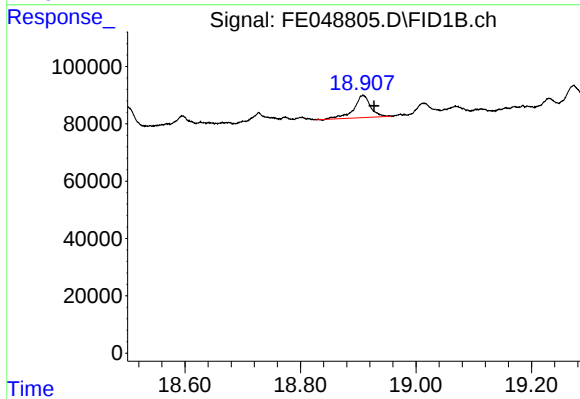
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.016 min
Response: 68131
Conc: 0.53 ug/ml



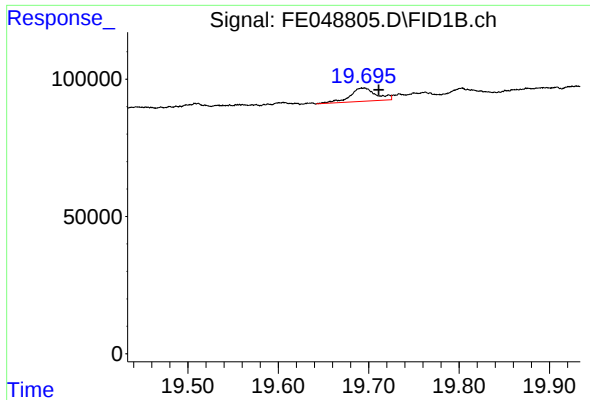
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.017 min
Response: 159578
Conc: 1.19 ug/ml



#18 n-Dotriacontane (C32)

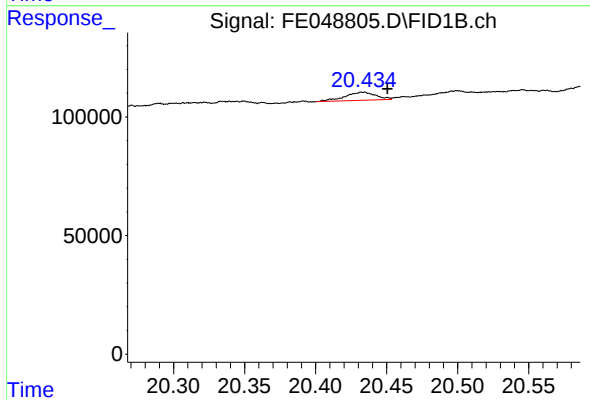
R.T.: 18.908 min
Delta R.T.: -0.019 min
Response: 155324
Conc: 1.14 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.016 min
Response: 97960
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.017 min
Response: 51713
Conc: 0.38 ug/ml