

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047794.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 11:02
 Operator : YP\AJ
 Sample : P2247-02DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 13:07:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.971	1928094	11.116 ug/ml
Spiked Amount 50.000		Recovery =	22.23%
12) S 1-chlorooctadecane (S...	13.405	2116972	15.740 ug/ml
Spiked Amount 50.000		Recovery =	31.48%
Target Compounds			
4) T n-Dodecane (C12)	6.771	121508	0.749 ug/ml
6) T n-Tetradecane (C14)	8.599	204247	1.270 ug/ml
7) T n-Hexadecane (C16)	10.207	289011	1.740 ug/ml
8) T n-Octadecane (C18)	11.649	299841	1.788 ug/ml
10) T n-Eicosane (C20)	12.959	256643	1.584 ug/ml
11) T n-Heneicosane (C21)	13.571	205920	1.298 ug/ml
13) T n-Docosane (C22)	14.156	116855	0.728 ug/ml
14) T n-Tetracosane (C24)	15.257	148053	0.897 ug/ml
15) T n-Hexacosane (C26)	16.280	45158	0.273 ug/ml
16) T n-Octacosane (C28)	17.228	88783	0.536 ug/ml
17) T n-Tricontane (C30)	18.116	155461	0.916 ug/ml
18) T n-Dotriacontane (C32)	18.947	140757	0.844 ug/ml
19) T n-Tetratriacontane (C34)	19.727	102113	0.637 ug/ml
20) T n-Hexatriacontane (C36)	20.465	73230	0.459 ug/ml

(f)=RT Delta > 1/2 Window

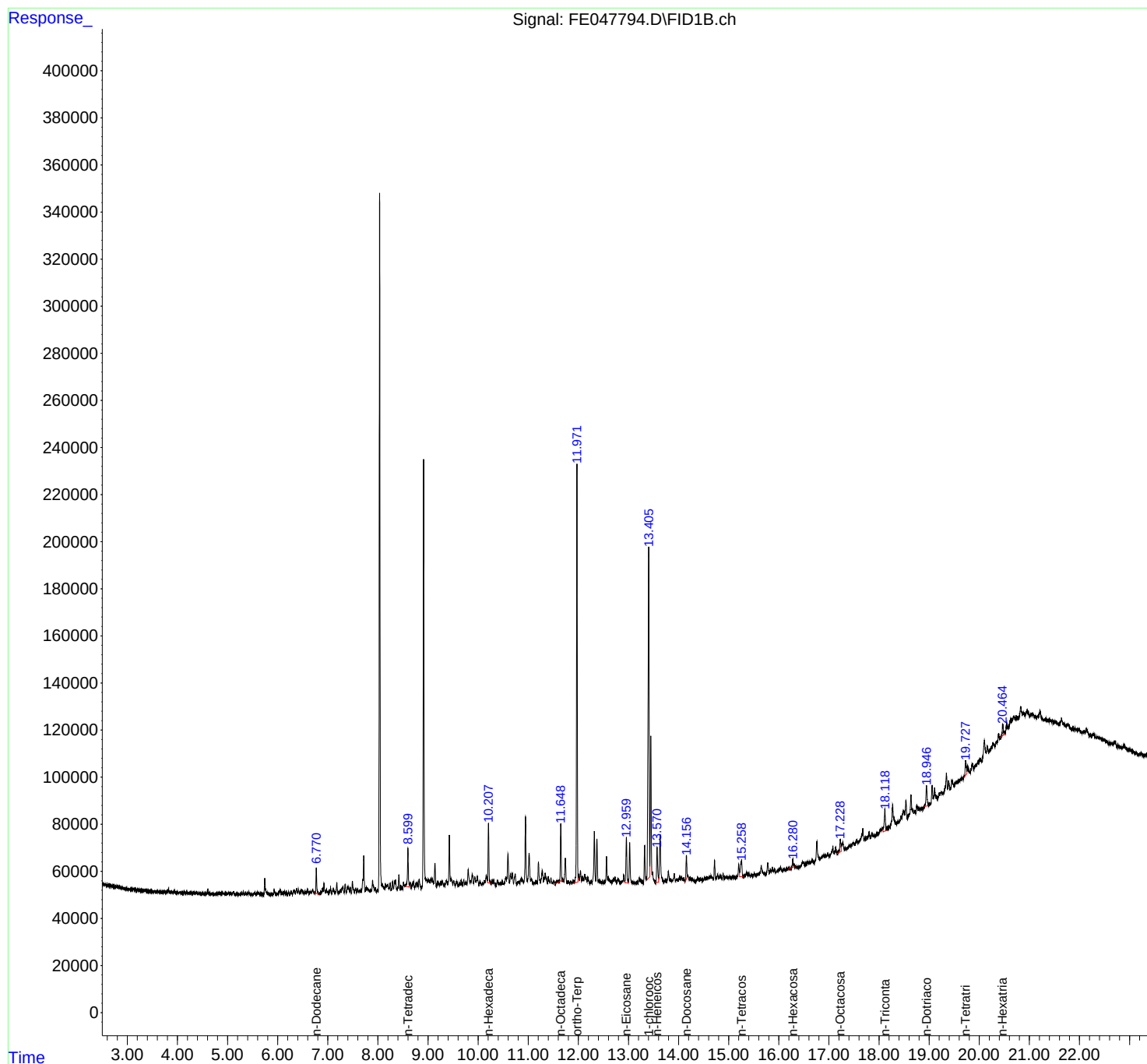
(m)=manual int.

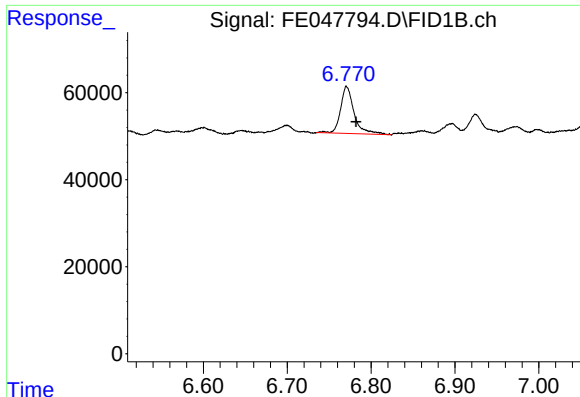
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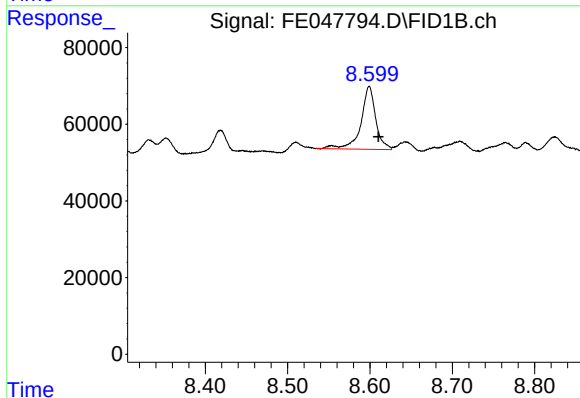




#4 n-Dodecane (C12)

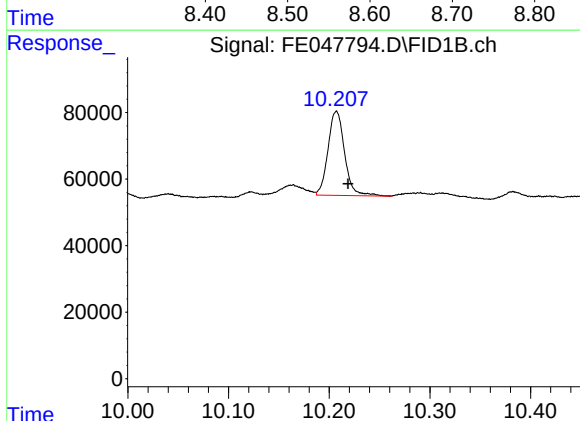
R.T.: 6.771 min
Delta R.T.: -0.011 min
Response: 121508
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



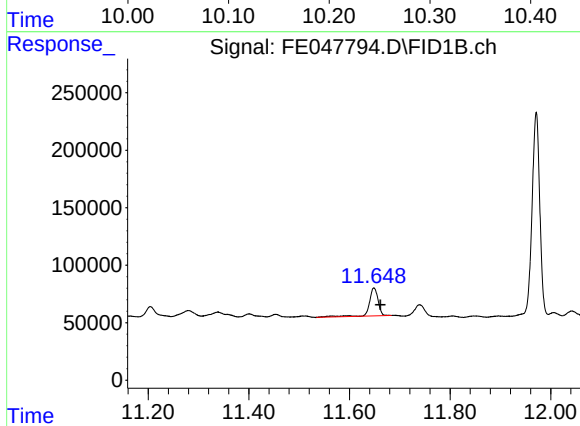
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.011 min
Response: 204247
Conc: 1.27 ug/ml



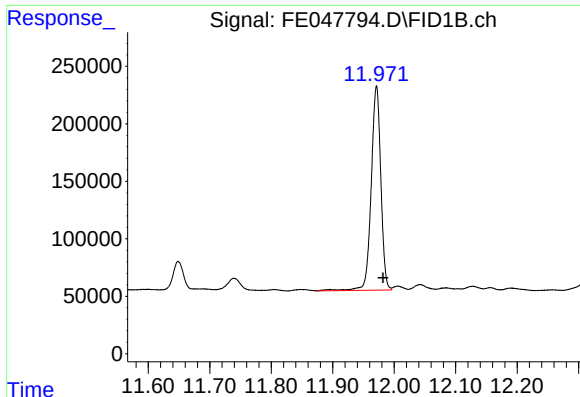
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.012 min
Response: 289011
Conc: 1.74 ug/ml



#8 n-Octadecane (C18)

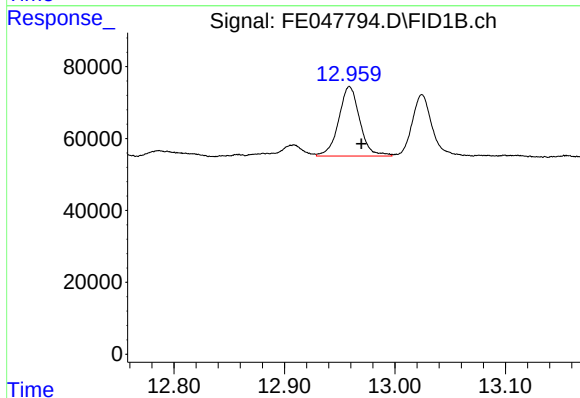
R.T.: 11.649 min
Delta R.T.: -0.013 min
Response: 299841
Conc: 1.79 ug/ml



#9 ortho-Terphenyl (SURR)

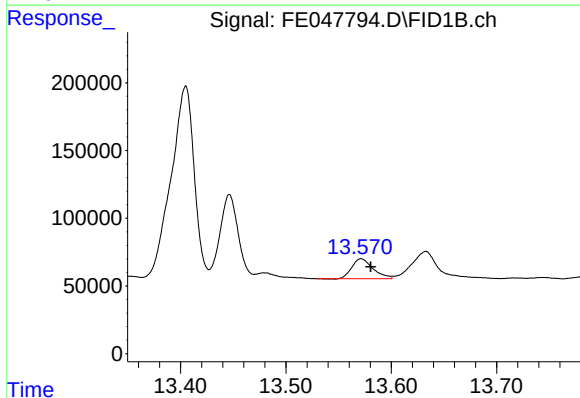
R.T.: 11.971 min
Delta R.T.: -0.011 min
Response: 1928094
Conc: 11.12 ug/ml

Instrument :
FID_E
ClientSampleId :



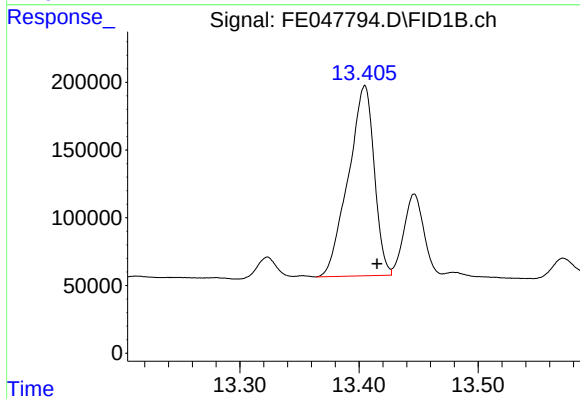
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.011 min
Response: 256643
Conc: 1.58 ug/ml



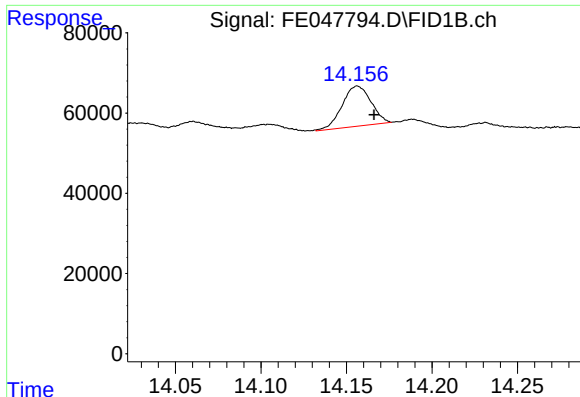
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.009 min
Response: 205920
Conc: 1.30 ug/ml



#12 1-chlorooctadecane (SURR)

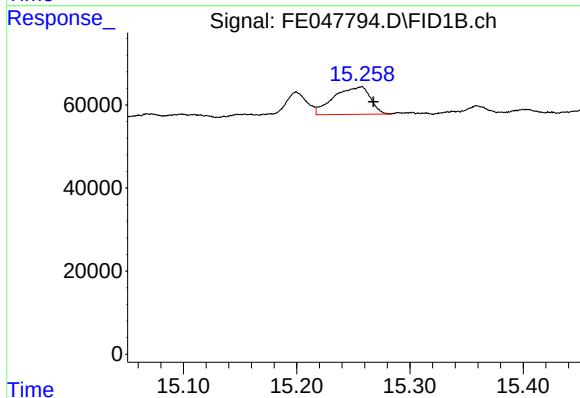
R.T.: 13.405 min
Delta R.T.: -0.010 min
Response: 2116972
Conc: 15.74 ug/ml



#13 n-Docosane (C22)

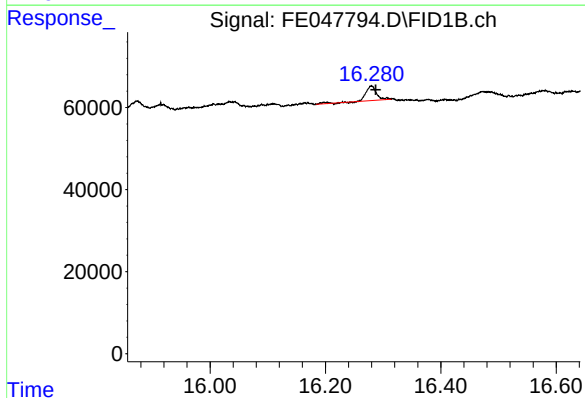
R.T.: 14.156 min
Delta R.T.: -0.010 min
Response: 116855
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



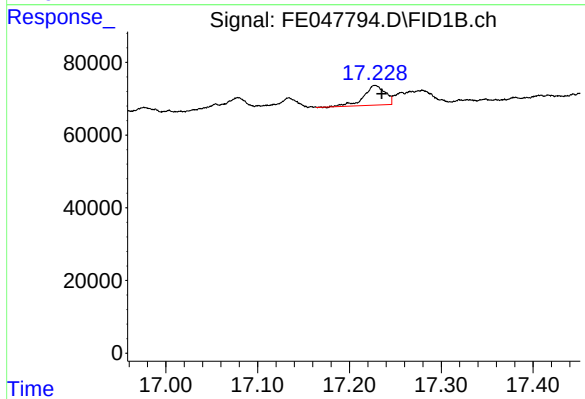
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.011 min
Response: 148053
Conc: 0.90 ug/ml



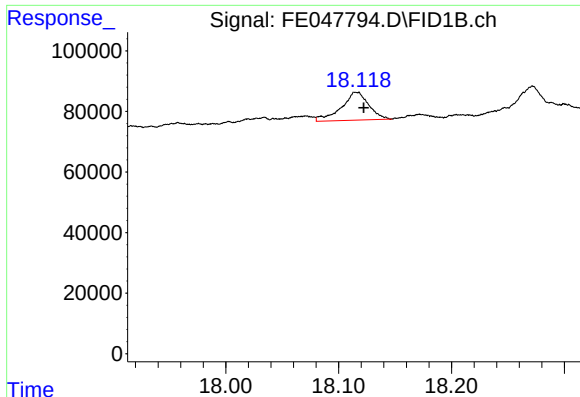
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.007 min
Response: 45158
Conc: 0.27 ug/ml



#16 n-Octacosane (C28)

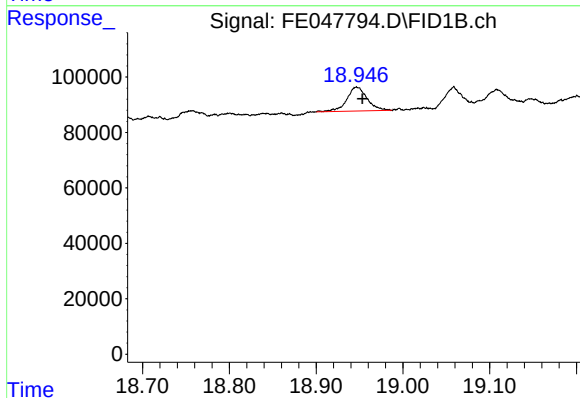
R.T.: 17.228 min
Delta R.T.: -0.007 min
Response: 88783
Conc: 0.54 ug/ml



#17 n-Tricontane (C30)

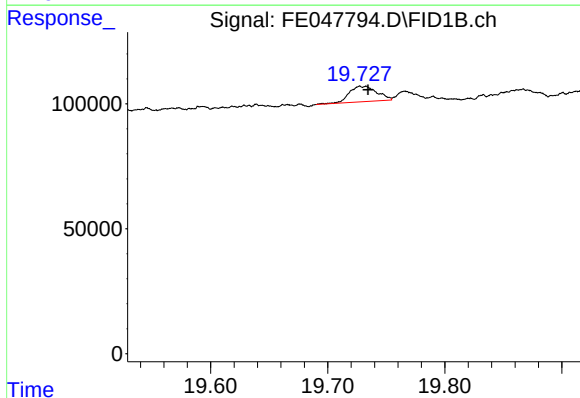
R.T.: 18.116 min
Delta R.T.: -0.006 min
Response: 155461
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :



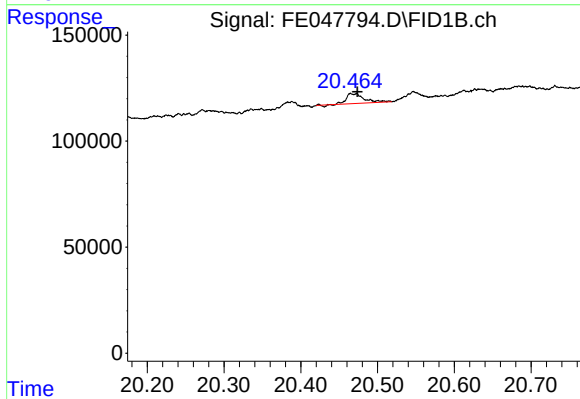
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.007 min
Response: 140757
Conc: 0.84 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.007 min
Response: 102113
Conc: 0.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.009 min
Response: 73230
Conc: 0.46 ug/ml