

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048482.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2024 19:11
 Operator : YP\AJ
 Sample : P2668-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 01 02:37:04 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)	11.957	5802203	40.406 ug/ml
Spiked Amount 50.000		Recovery =	80.81%
12) S 1-chlorooctadecane (S...	13.385	3777160	34.671 ug/ml
Spiked Amount 50.000		Recovery =	69.34%
Target Compounds			
6) T n-Tetradecane (C14)	8.579	52072	0.367 ug/ml
7) T n-Hexadecane (C16)	10.185	92295	0.655 ug/ml
8) T n-Octadecane (C18)	11.618	813395	5.857 ug/ml
10) T n-Eicosane (C20)	12.937	7619432	57.577 ug/ml
11) T n-Heneicosane (C21)	13.555	267428	2.065 ug/ml
13) T n-Docosane (C22)	14.140	61008	0.473 ug/ml
14) T n-Tetracosane (C24)	15.220	496322	3.831 ug/ml
16) T n-Octacosane (C28)	17.219	162924	1.261 ug/ml
17) T n-Tricontane (C30)	18.096	180172	1.345 ug/ml
18) T n-Dotriacontane (C32)	18.917	93624	0.690 ug/ml
19) T n-Tetratriacontane (C34)	19.708	38993	0.285 ug/ml
20) T n-Hexatriacontane (C36)	20.446	26237	0.193 ug/ml

(f)=RT Delta > 1/2 Window

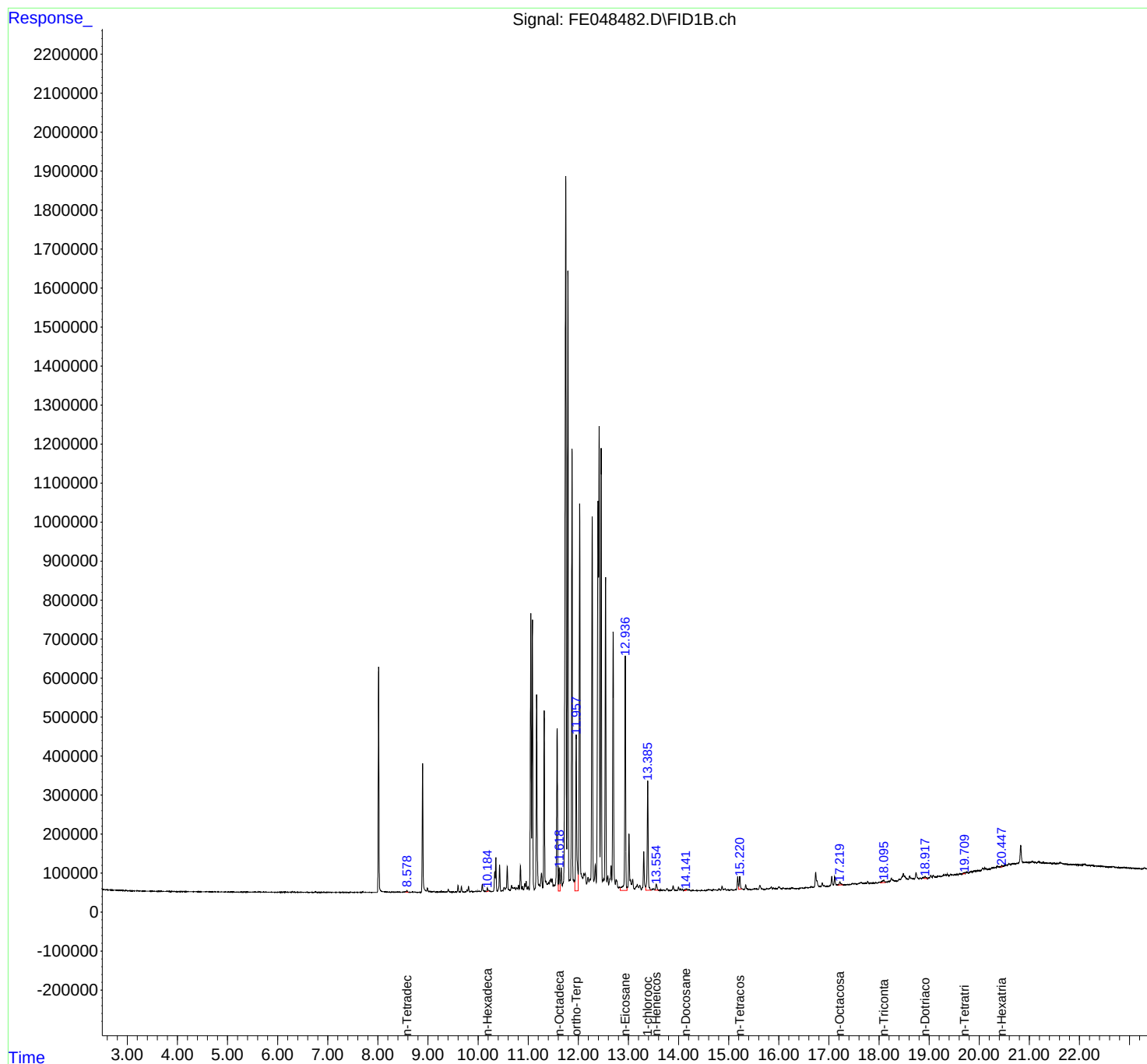
(m)=manual int.

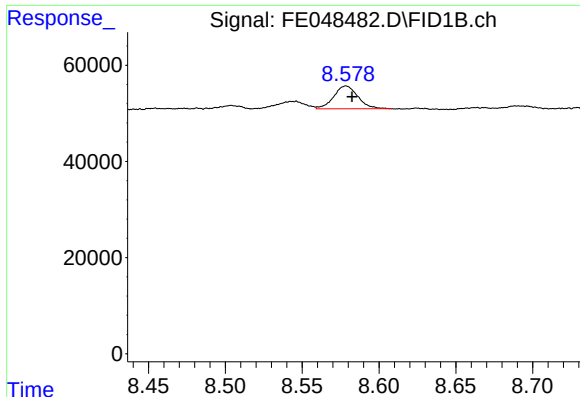
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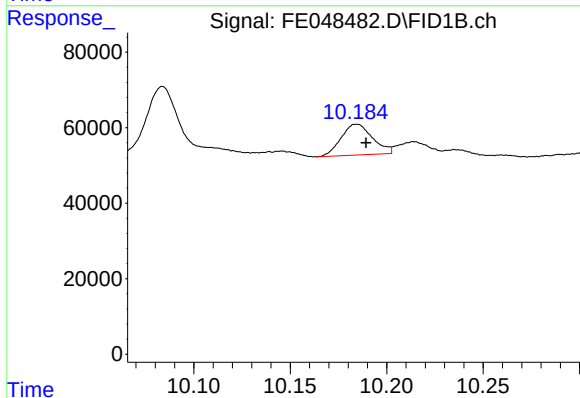




#6 n-Tetradecane (C14)

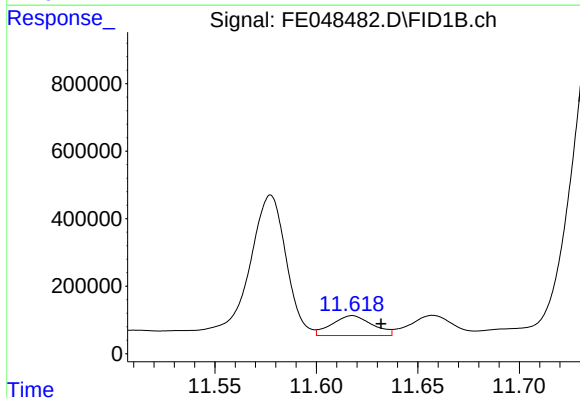
R.T.: 8.579 min
Delta R.T.: -0.004 min
Response: 52072
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :



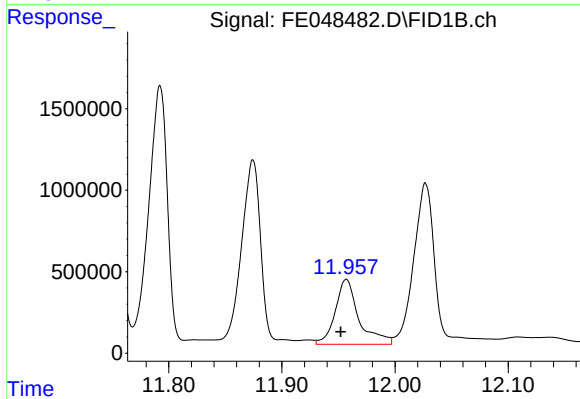
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.005 min
Response: 92295
Conc: 0.65 ug/ml



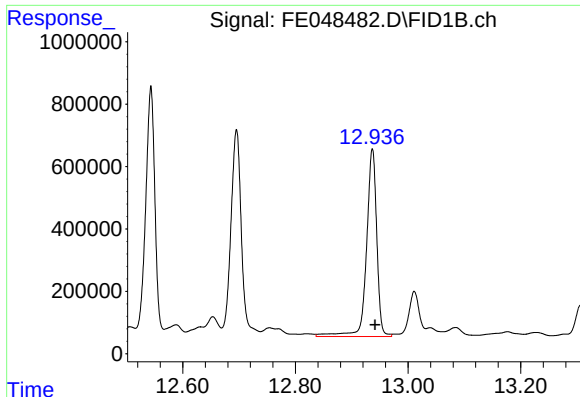
#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 813395
Conc: 5.86 ug/ml



#9 ortho-Terphenyl (SURR)

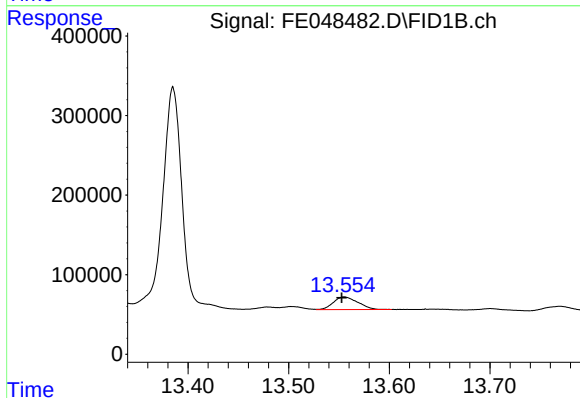
R.T.: 11.957 min
Delta R.T.: 0.005 min
Response: 5802203
Conc: 40.41 ug/ml



#10 n-Eicosane (C20)

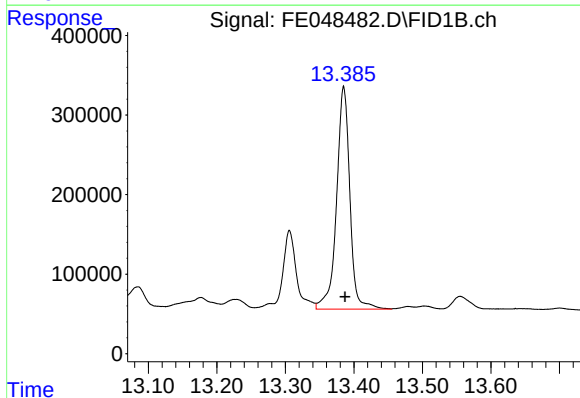
R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 7619432
Conc: 57.58 ug/ml

Instrument :
FID_E
ClientSampleId :



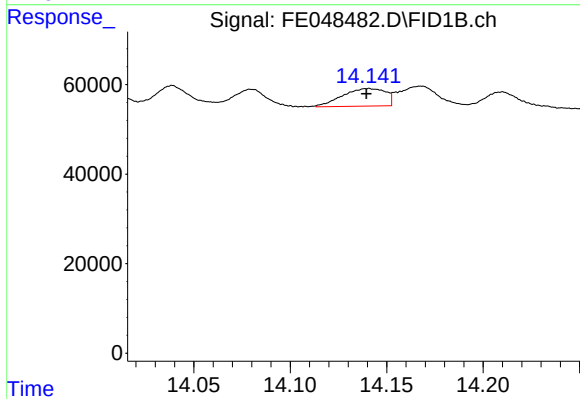
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.002 min
Response: 267428
Conc: 2.06 ug/ml



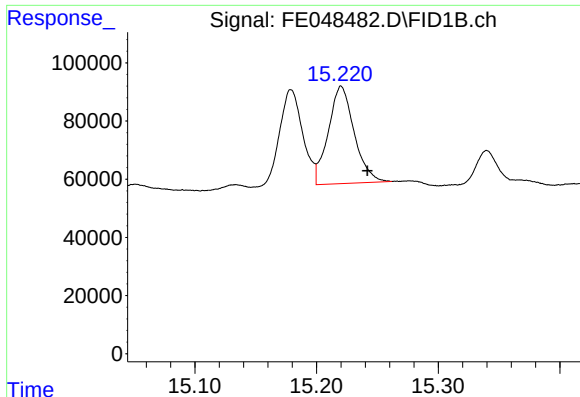
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 3777160
Conc: 34.67 ug/ml



#13 n-Docosane (C22)

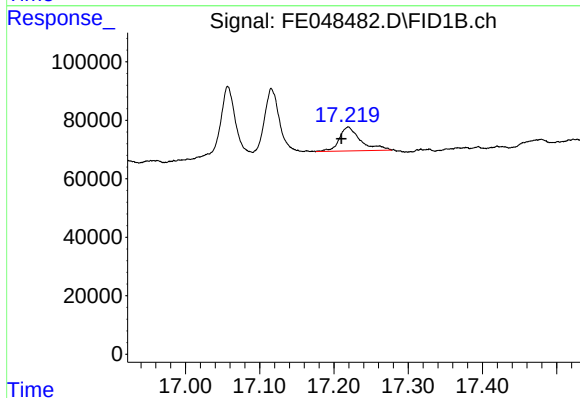
R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 61008
Conc: 0.47 ug/ml



#14 n-Tetracosane (C24)

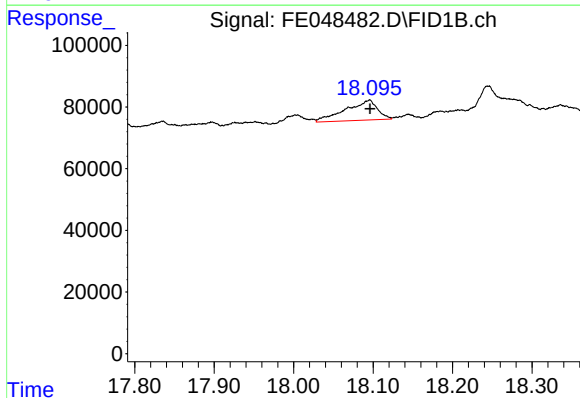
R.T.: 15.220 min
Delta R.T.: -0.021 min
Response: 496322
Conc: 3.83 ug/ml

Instrument :
FID_E
ClientSampleId :



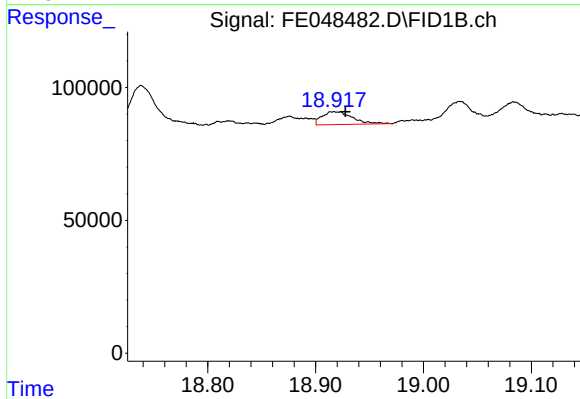
#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: 0.009 min
Response: 162924
Conc: 1.26 ug/ml



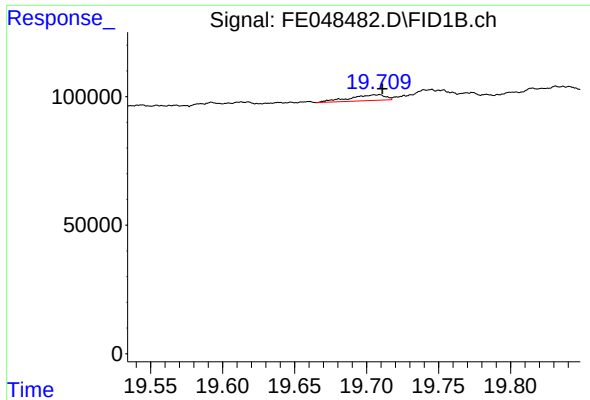
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 180172
Conc: 1.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.011 min
Response: 93624
Conc: 0.69 ug/ml



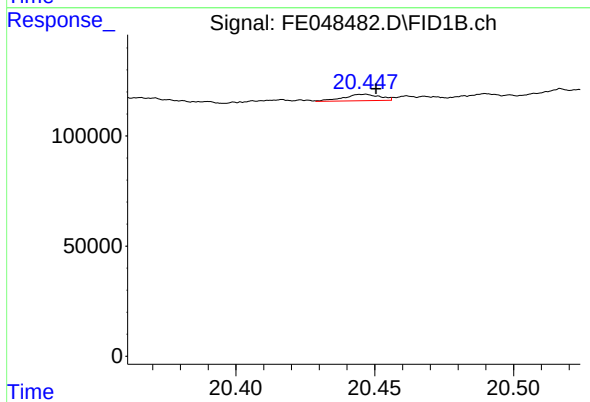
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 38993
Conc: 0.29 ug/ml

Instrument :

FID_E

ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.004 min
Response: 26237
Conc: 0.19 ug/ml