

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048233.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 09:59
 Operator : YP\AJ
 Sample : P2496-02DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 23:55:36 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)	11.969	19708586	136.614 ug/ml
Spiked Amount 50.000		Recovery =	273.23%
12) S 1-chlorooctadecane (S...	13.409	14399536	128.865 ug/ml
Spiked Amount 50.000		Recovery =	257.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.605	866681	6.540 ug/ml
7) T n-Hexadecane (C16)	10.215	8585790	62.427 ug/ml
8) T n-Octadecane (C18)	11.650	3018731	21.671 ug/ml
10) T n-Eicosane (C20)	12.960	8584769	63.759 ug/ml
11) T n-Heneicosane (C21)	13.594	7055551	53.300 ug/ml
13) T n-Docosane (C22)	14.165	4431316	33.439 ug/ml
14) T n-Tetracosane (C24)	15.262	1573188	11.815 ug/ml
15) T n-Hexacosane (C26)	16.314	222614	1.668 ug/ml
16) T n-Octacosane (C28)	17.197	73327	0.551 ug/ml
17) T n-Tricontane (C30)	18.106	172756	1.252 ug/ml
18) T n-Dotriacontane (C32)	18.937	343490	2.487 ug/ml
19) T n-Tetratriacontane (C34)	19.719	142355	1.045 ug/ml
20) T n-Hexatriacontane (C36)	20.487	60945	0.450 ug/ml

(f)=RT Delta > 1/2 Window

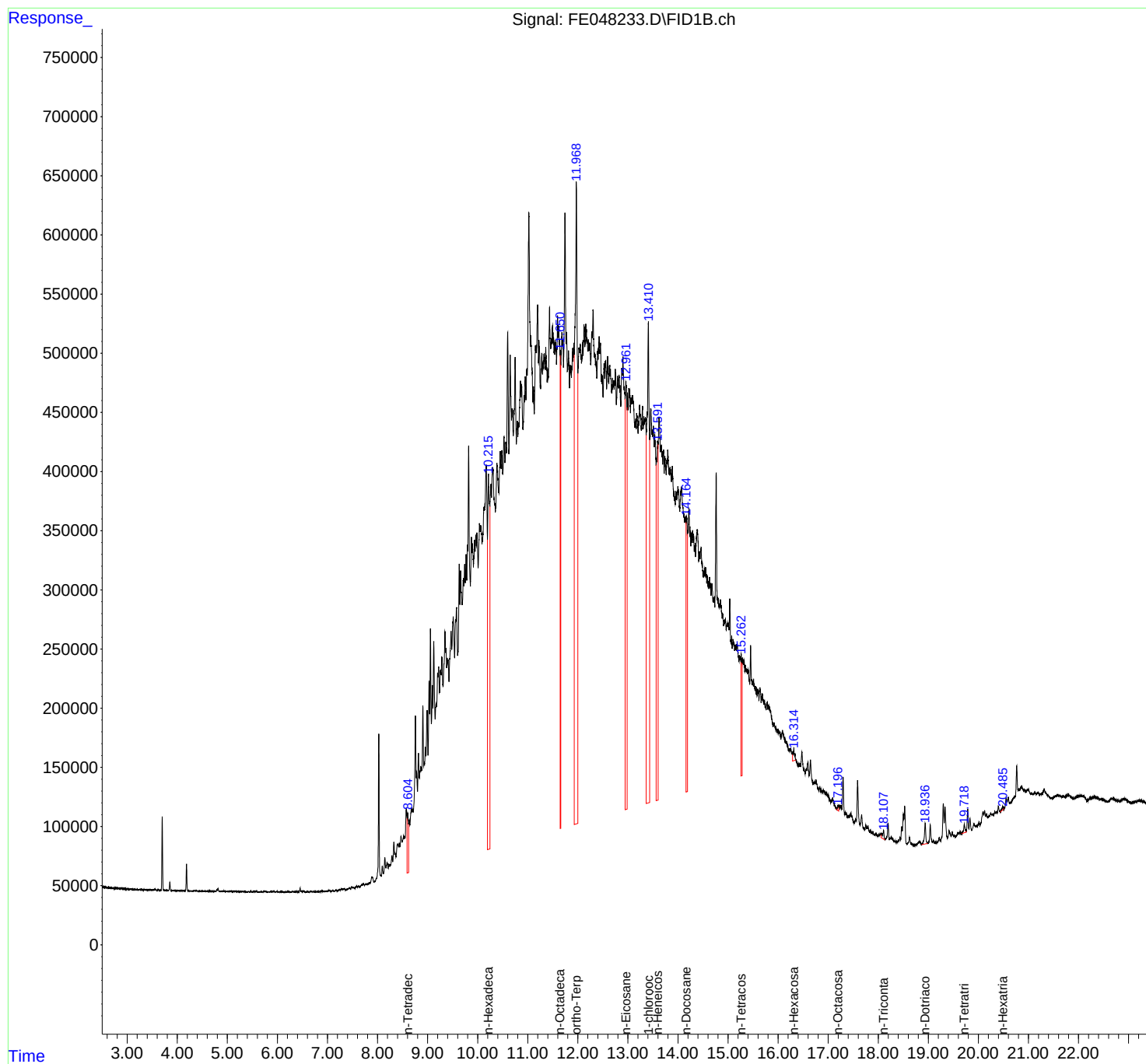
(m)=manual int.

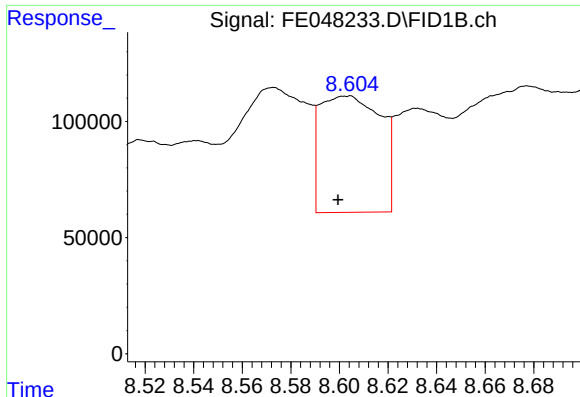
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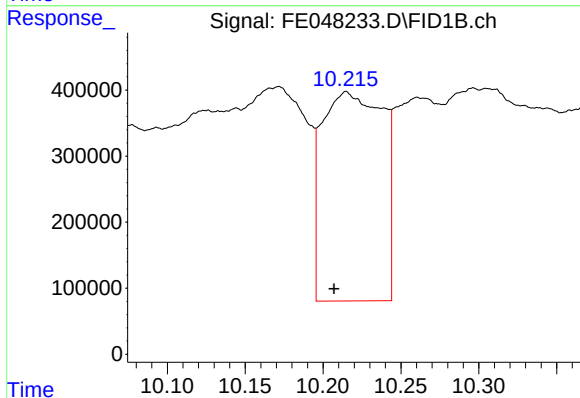




#6 n-Tetradecane (C14)

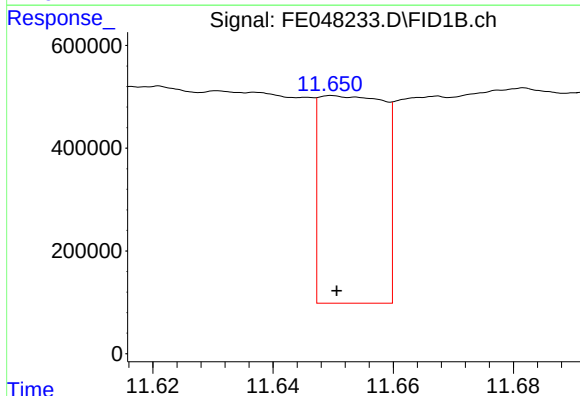
R.T.: 8.605 min
Delta R.T.: 0.005 min
Response: 866681
Conc: 6.54 ug/ml

Instrument :
FID_E
ClientSampleId :



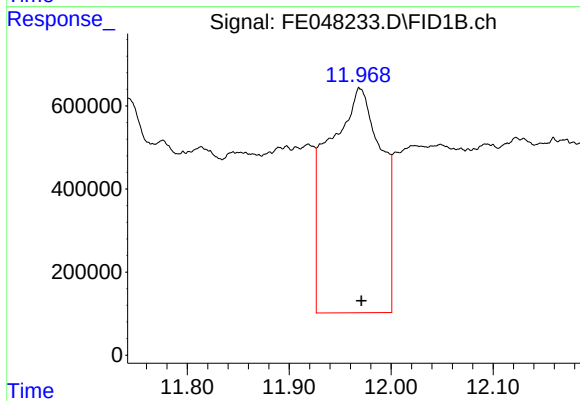
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.008 min
Response: 8585790
Conc: 62.43 ug/ml



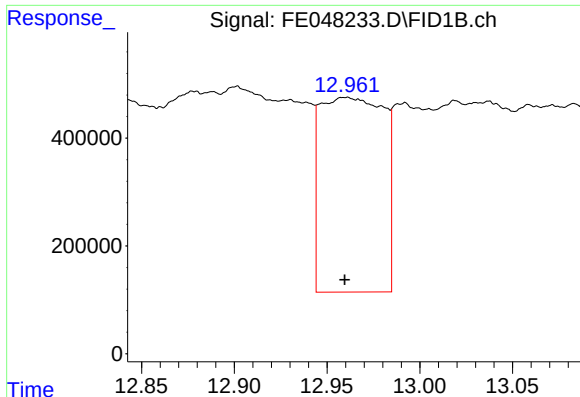
#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 3018731
Conc: 21.67 ug/ml



#9 ortho-Terphenyl (SURR)

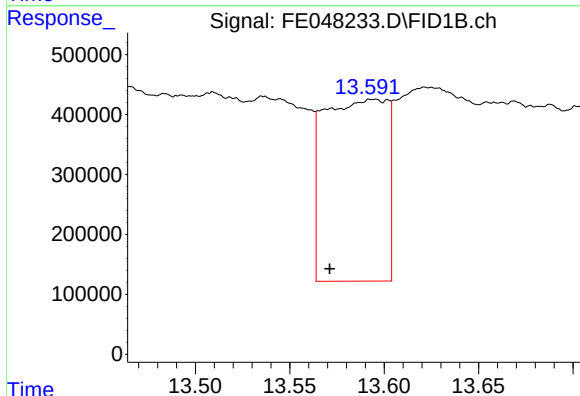
R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 19708586
Conc: 136.61 ug/ml



#10 n-Eicosane (C20)

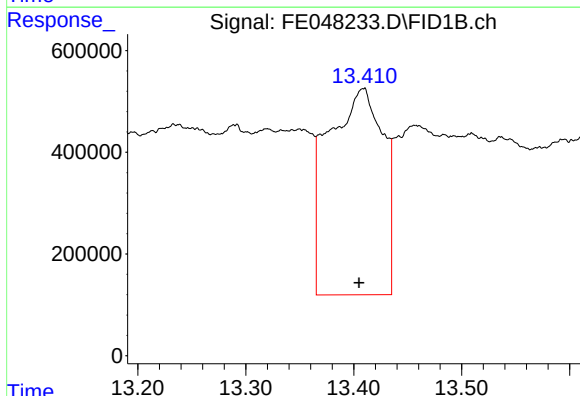
R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 8584769
Conc: 63.76 ug/ml

Instrument :
FID_E
ClientSampleId :



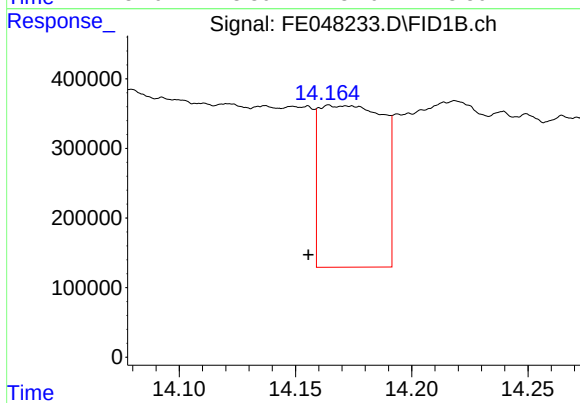
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: 0.023 min
Response: 7055551
Conc: 53.30 ug/ml



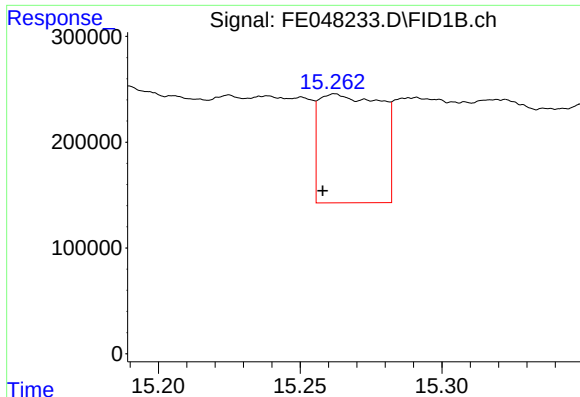
#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 14399536
Conc: 128.87 ug/ml



#13 n-Docosane (C22)

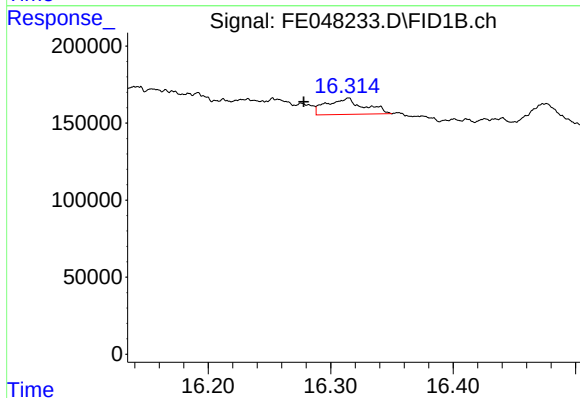
R.T.: 14.165 min
Delta R.T.: 0.009 min
Response: 4431316
Conc: 33.44 ug/ml



#14 n-Tetracosane (C24)

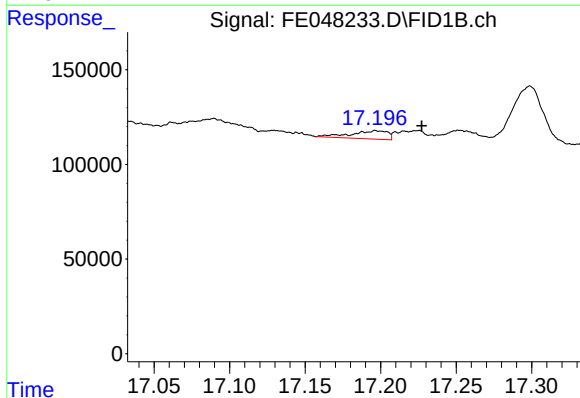
R.T.: 15.262 min
Delta R.T.: 0.004 min
Response: 1573188
Conc: 11.81 ug/ml

Instrument :
FID_E
ClientSampleId :



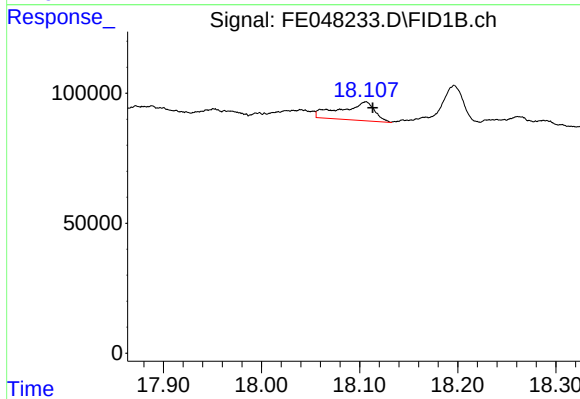
#15 n-Hexacosane (C26)

R.T.: 16.314 min
Delta R.T.: 0.037 min
Response: 222614
Conc: 1.67 ug/ml



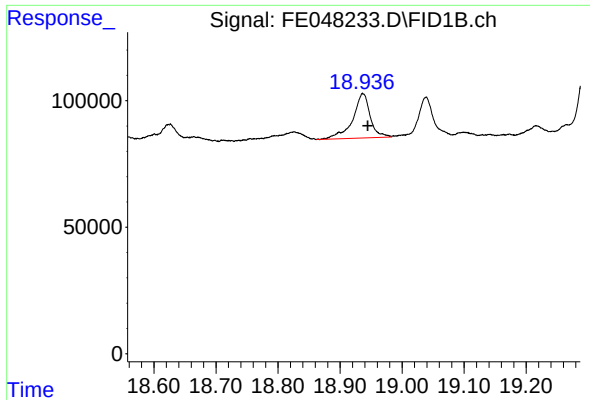
#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: -0.030 min
Response: 73327
Conc: 0.55 ug/ml



#17 n-Tricontane (C30)

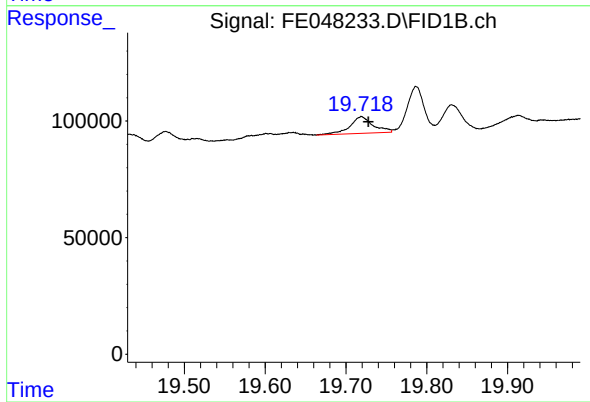
R.T.: 18.106 min
Delta R.T.: -0.007 min
Response: 172756
Conc: 1.25 ug/ml



#18 n-Dotriacontane (C32)

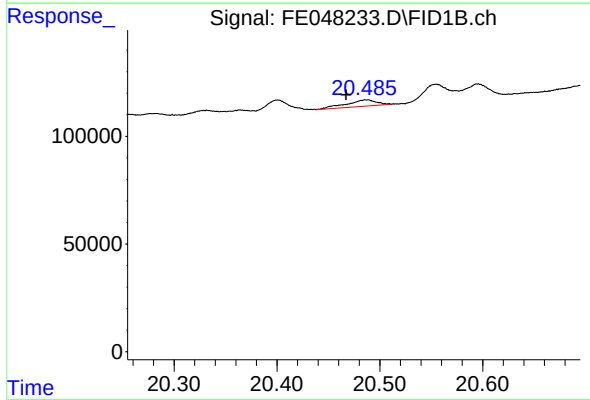
R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 343490
Conc: 2.49 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.008 min
Response: 142355
Conc: 1.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.487 min
Delta R.T.: 0.020 min
Response: 60945
Conc: 0.45 ug/ml