

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062424AL\
 Data File : FE048848.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2024 10:16
 Operator : YP\AJ
 Sample : P2997-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 25 01:35:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.934	1096466	6.557 ug/ml
Spiked Amount 50.000		Recovery =	13.11%
12) S 1-chlorooctadecane (S...	13.358	5518248	42.914 ug/ml
Spiked Amount 50.000		Recovery =	85.83%
Target Compounds			
7) T n-Hexadecane (C16)	10.172	72267	0.462 ug/ml
8) T n-Octadecane (C18)	11.614	135124	0.847 ug/ml
10) T n-Eicosane (C20)	12.924	174139	1.123 ug/ml
11) T n-Heneicosane (C21)	13.541	182676	1.200 ug/ml
13) T n-Docosane (C22)	14.122	77049	0.509 ug/ml
14) T n-Tetracosane (C24)	15.218	137510	0.915 ug/ml
15) T n-Hexacosane (C26)	16.244	41154	0.279 ug/ml
16) T n-Octacosane (C28)	17.196	60756	0.421 ug/ml
17) T n-Tricontane (C30)	18.082	117952	0.806 ug/ml
18) T n-Dotriacontane (C32)	18.913	108942	0.762 ug/ml
19) T n-Tetratriacontane (C34)	19.696	65979	0.477 ug/ml
20) T n-Hexatriacontane (C36)	20.437	47645	0.367 ug/ml
21) T n-Octatriacontane (C38)	21.170	100742	0.786 ug/ml
22) T n-Tetracontane (C40)	22.089	67831	0.554 ug/ml

(f)=RT Delta > 1/2 Window

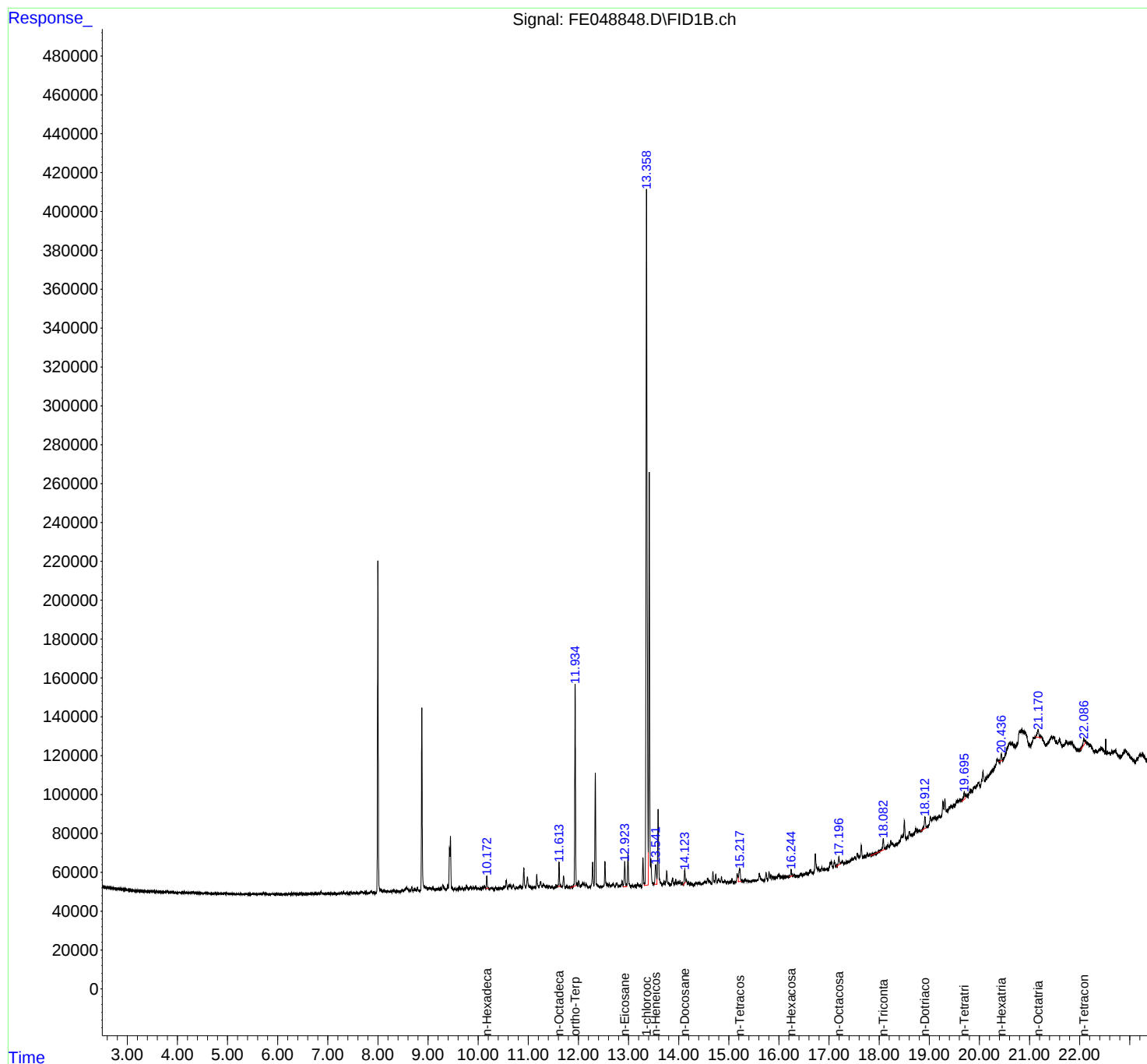
(m)=manual int.

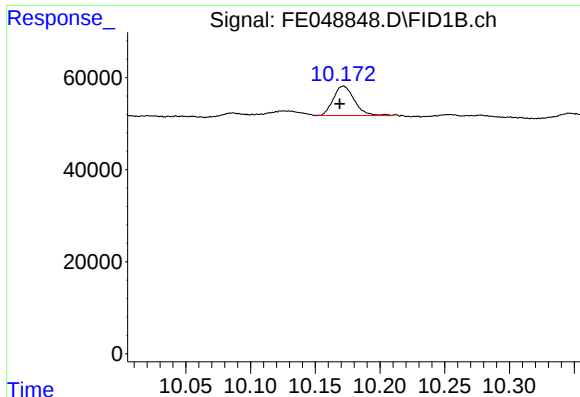
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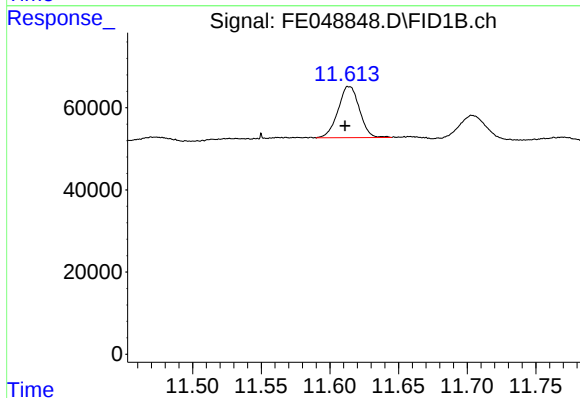




#7 n-Hexadecane (C16)

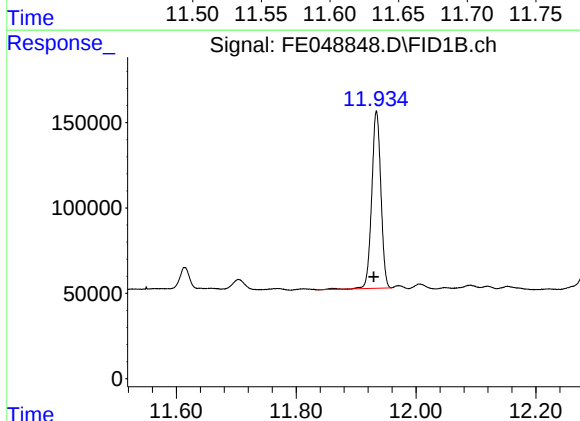
R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 72267
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



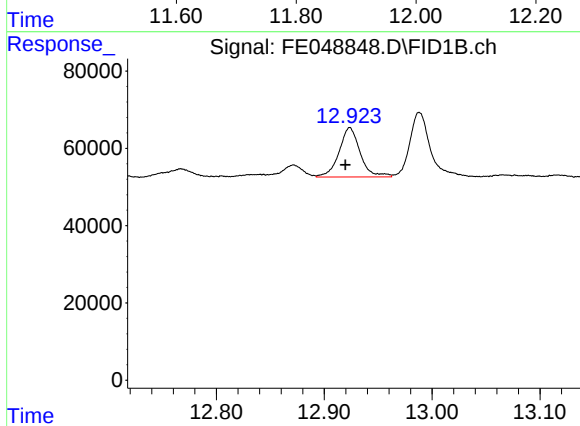
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 135124
Conc: 0.85 ug/ml



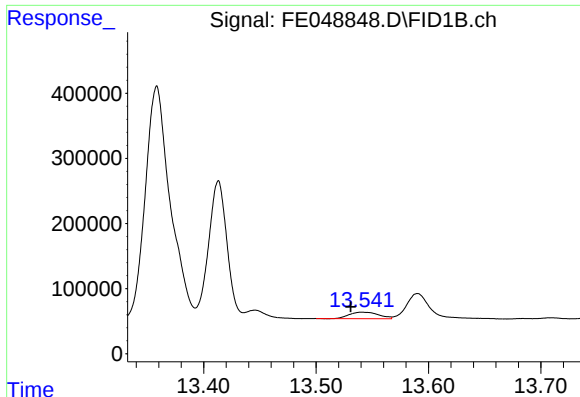
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.004 min
Response: 1096466
Conc: 6.56 ug/ml



#10 n-Eicosane (C20)

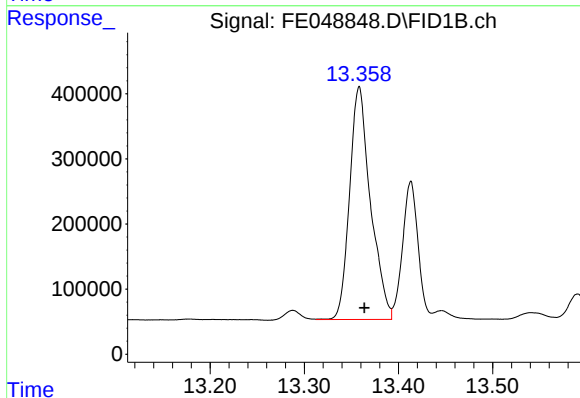
R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 174139
Conc: 1.12 ug/ml



#11 n-Heneicosane (C21)

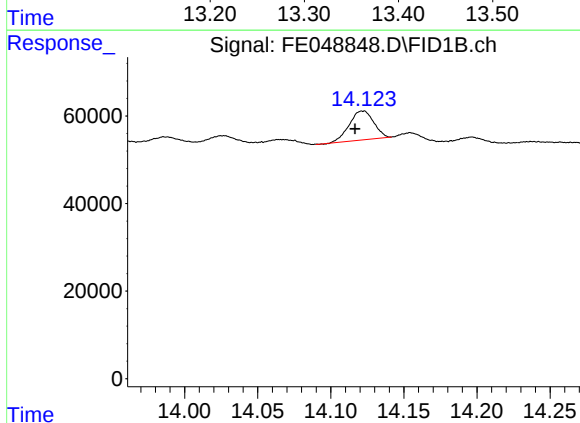
R.T.: 13.541 min
Delta R.T.: 0.010 min
Response: 182676
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :



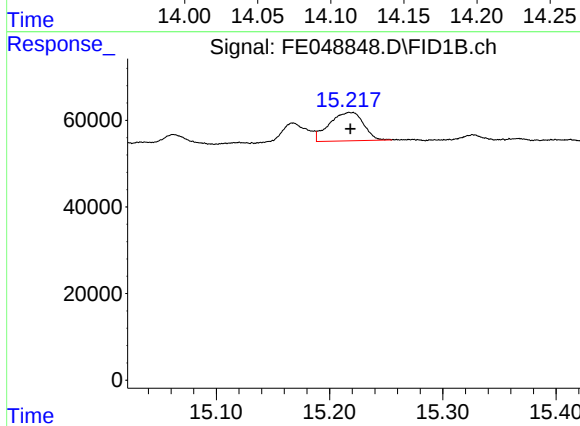
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.005 min
Response: 5518248
Conc: 42.91 ug/ml



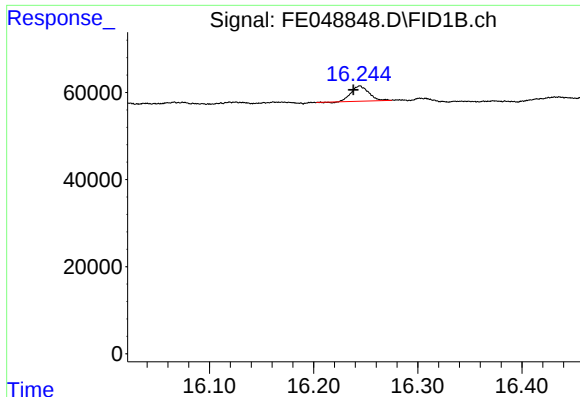
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: 0.005 min
Response: 77049
Conc: 0.51 ug/ml



#14 n-Tetracosane (C24)

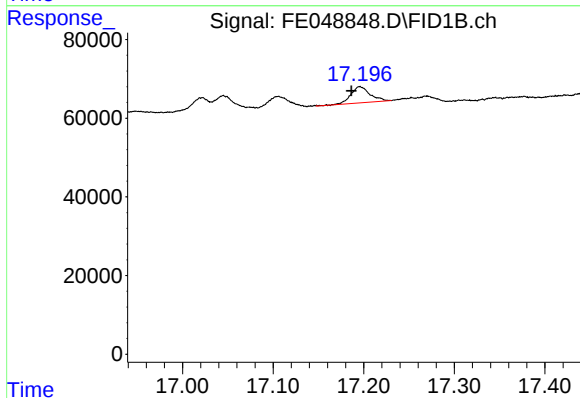
R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 137510
Conc: 0.92 ug/ml



#15 n-Hexacosane (C26)

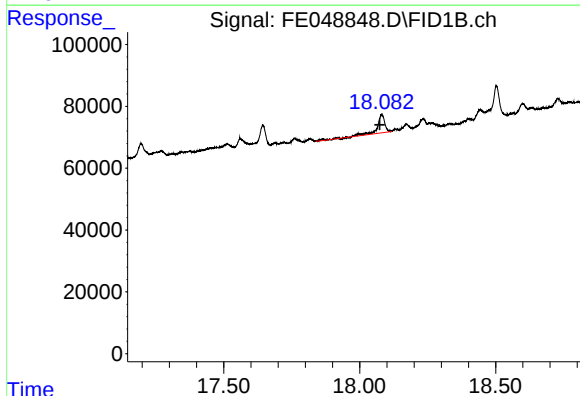
R.T.: 16.244 min
Delta R.T.: 0.006 min
Response: 41154
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :



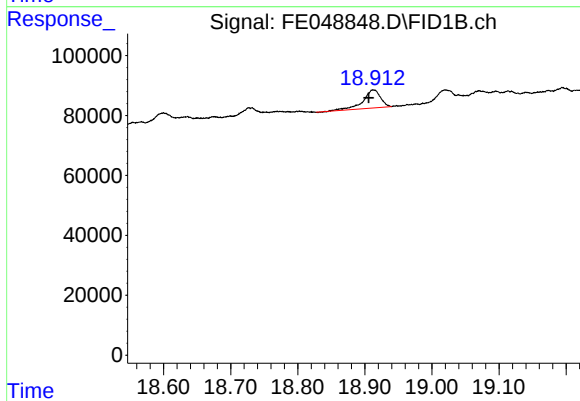
#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: 0.009 min
Response: 60756
Conc: 0.42 ug/ml



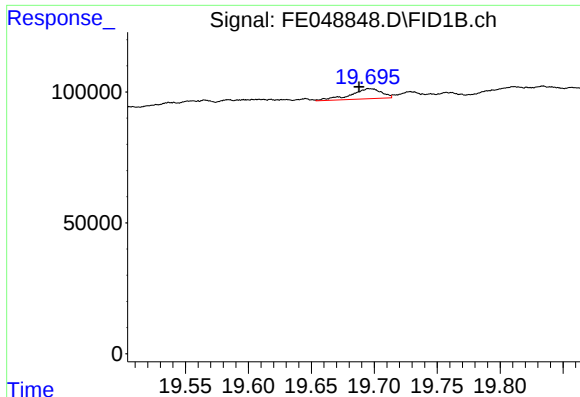
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: 0.009 min
Response: 117952
Conc: 0.81 ug/ml



#18 n-Dotriacontane (C32)

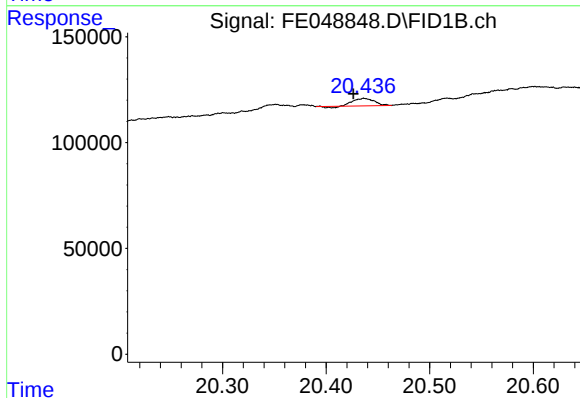
R.T.: 18.913 min
Delta R.T.: 0.007 min
Response: 108942
Conc: 0.76 ug/ml



#19 n-Tetratriacontane (C34)

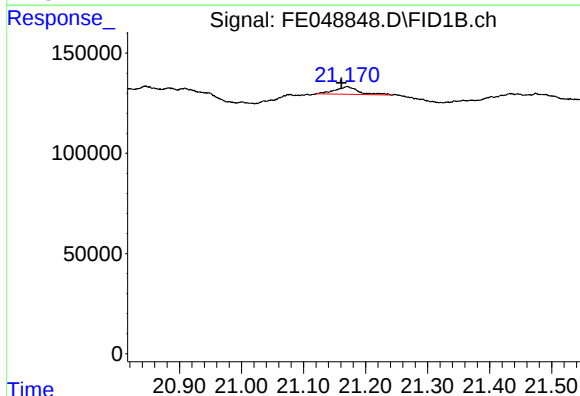
R.T.: 19.696 min
Delta R.T.: 0.008 min
Response: 65979
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



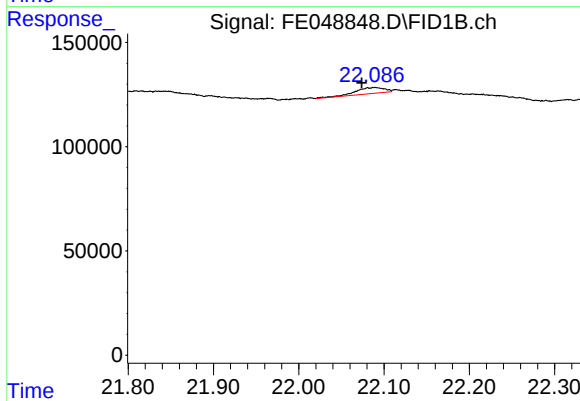
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.010 min
Response: 47645
Conc: 0.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.009 min
Response: 100742
Conc: 0.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.015 min
Response: 67831
Conc: 0.55 ug/ml