

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042943.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 03:25
 Operator : YP\AJ
 Sample : 03394-03DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 05:21:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.918	2137084	11.633 ug/ml
Spiked Amount 50.000		Recovery =	23.27%
12) S 1-chlorooctadecane (S...	13.357	2339156	17.188 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
7) T n-Hexadecane (C16)	10.173	142380	0.864 ug/ml
10) T n-Eicosane (C20)	12.900	206341	1.300 ug/ml
11) T n-Heneicosane (C21)	13.546	255667	1.653 ug/ml
13) T n-Docosane (C22)	14.108	184248	1.210 ug/ml
14) T n-Tetracosane (C24)	15.199	1428254	9.626 ug/ml
15) T n-Hexacosane (C26)	16.236	182396	1.276 ug/ml
16) T n-Octacosane (C28)	17.202	532761	3.841 ug/ml
17) T n-Tricontane (C30)	18.070	390405	2.760 ug/ml
18) T n-Dotriacontane (C32)	18.906	172072	1.227 ug/ml
19) T n-Tetratriacontane (C34)	19.693	195897	1.432 ug/ml
20) T n-Hexatriacontane (C36)	20.430	452314	3.382 ug/ml
21) T n-Octatriacontane (C38)	21.179	71353	0.523 ug/ml
22) T n-Tetracontane (C40)	22.092	164269	1.181 ug/ml

(f)=RT Delta > 1/2 Window

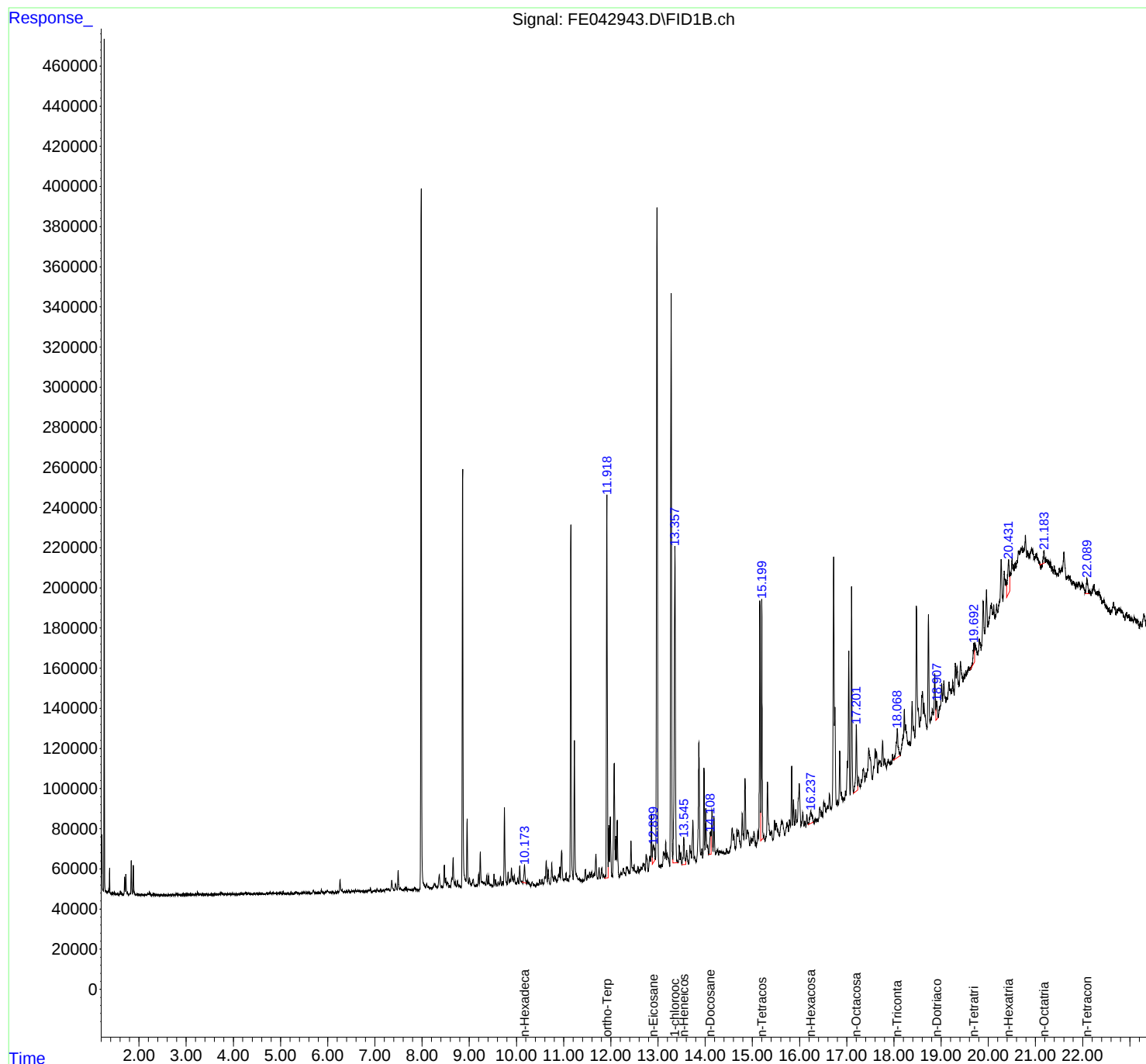
(m)=manual int.

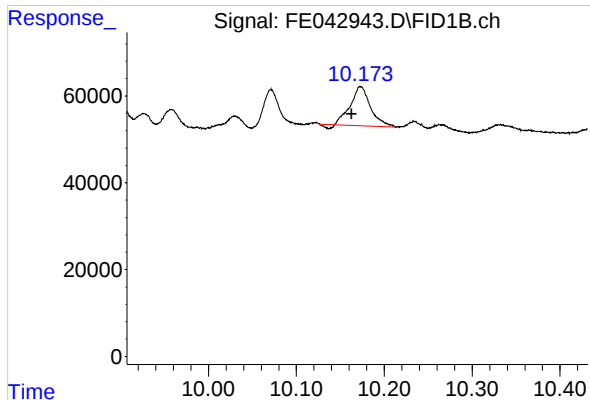
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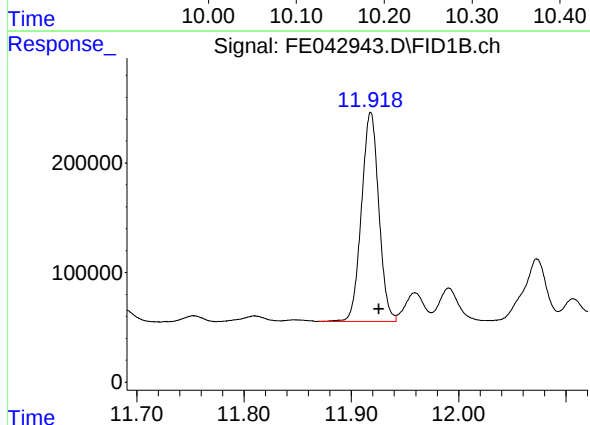




#7 n-Hexadecane (C16)

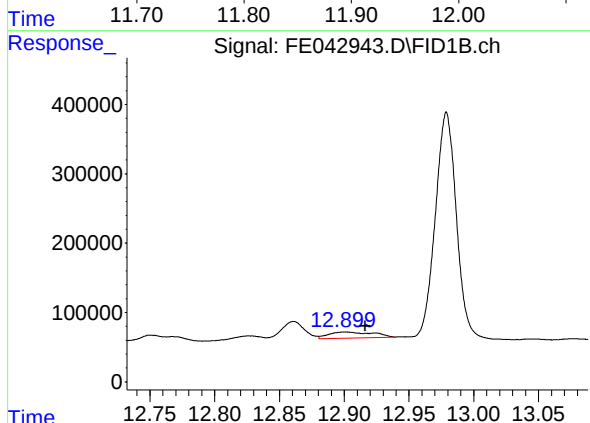
R.T.: 10.173 min
Delta R.T.: 0.010 min
Response: 142380
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



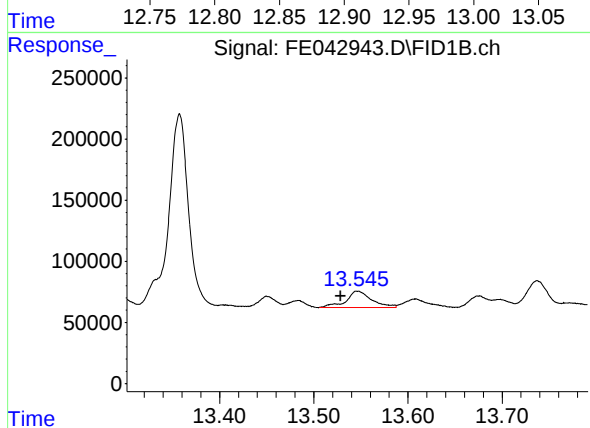
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.008 min
Response: 2137084
Conc: 11.63 ug/ml



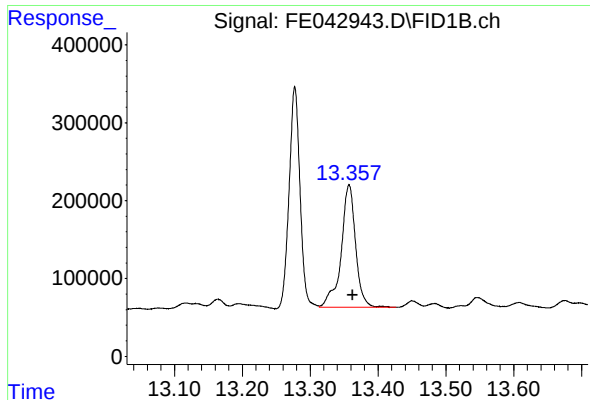
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.016 min
Response: 206341
Conc: 1.30 ug/ml



#11 n-Heneicosane (C21)

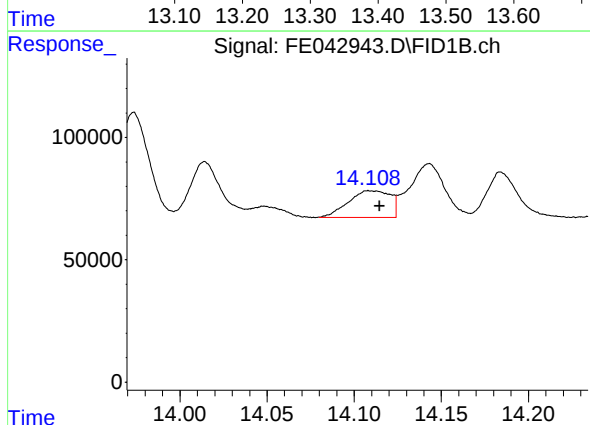
R.T.: 13.546 min
Delta R.T.: 0.018 min
Response: 255667
Conc: 1.65 ug/ml



#12 1-chlorooctadecane (SURR)

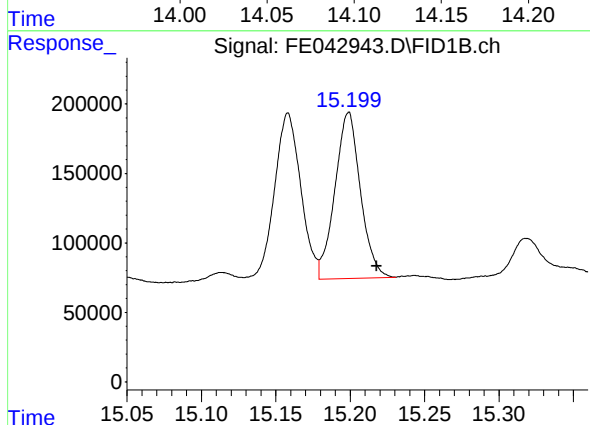
R.T.: 13.357 min
Delta R.T.: -0.005 min
Response: 2339156
Conc: 17.19 ug/ml

Instrument :
FID_E
ClientSampleId :



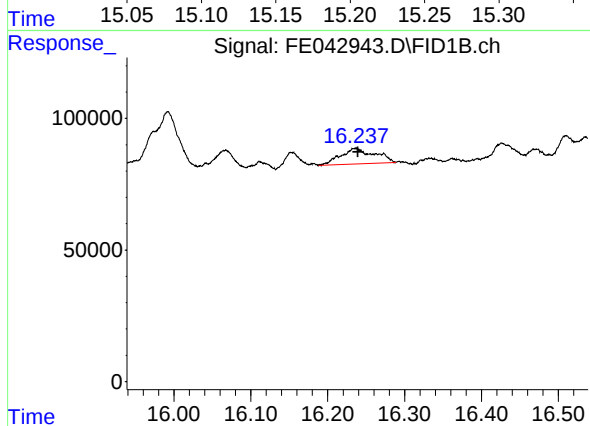
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.006 min
Response: 184248
Conc: 1.21 ug/ml



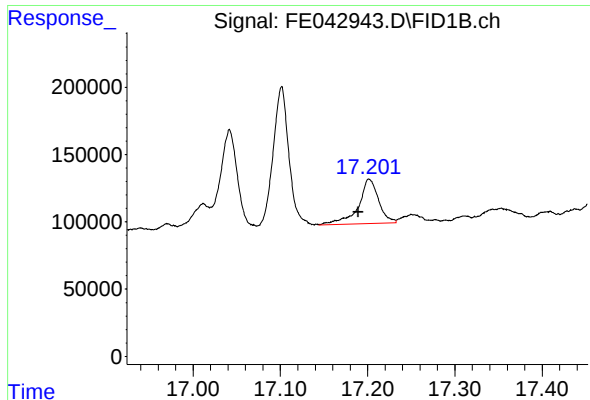
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 1428254
Conc: 9.63 ug/ml



#15 n-Hexacosane (C26)

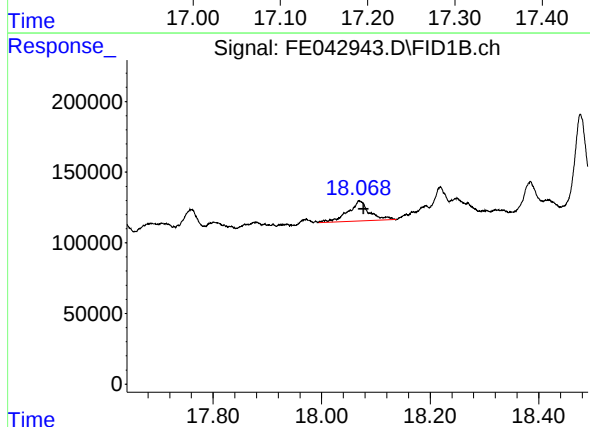
R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 182396
Conc: 1.28 ug/ml



#16 n-Octacosane (C28)

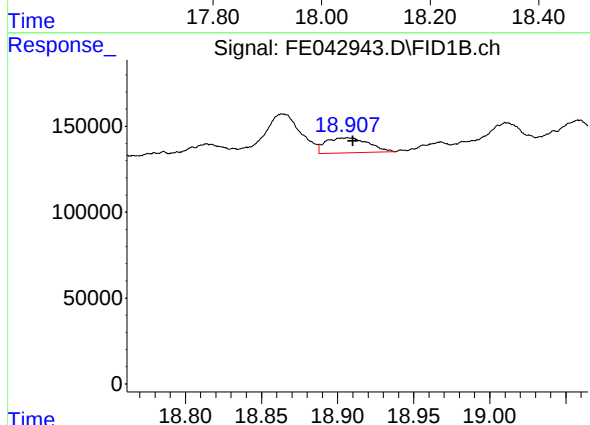
R.T.: 17.202 min
Delta R.T.: 0.012 min
Response: 532761
Conc: 3.84 ug/ml

Instrument :
FID_E
ClientSampleId :



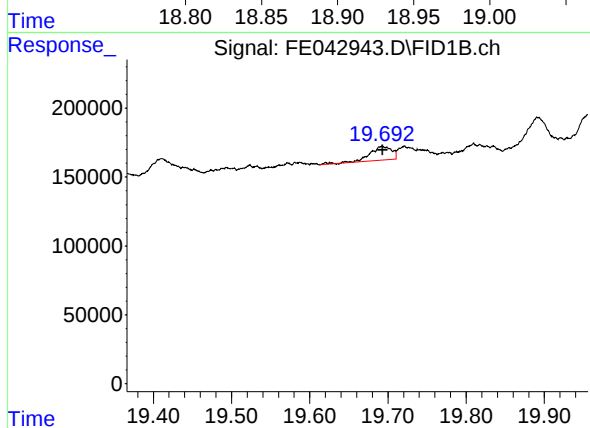
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 390405
Conc: 2.76 ug/ml



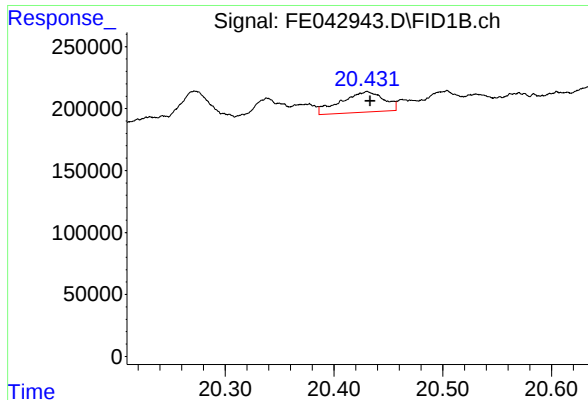
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.004 min
Response: 172072
Conc: 1.23 ug/ml



#19 n-Tetratriacontane (C34)

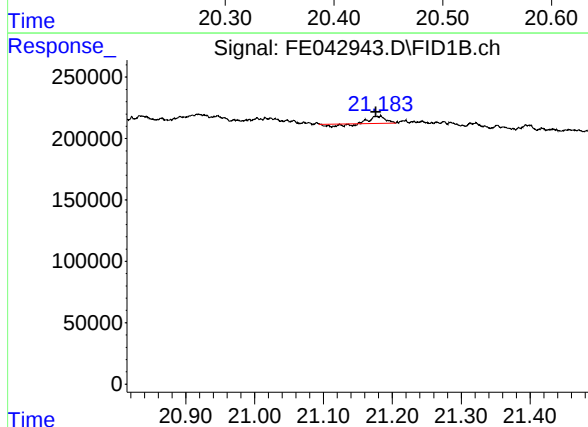
R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 195897
Conc: 1.43 ug/ml



#20 n-Hexatriacontane (C36)

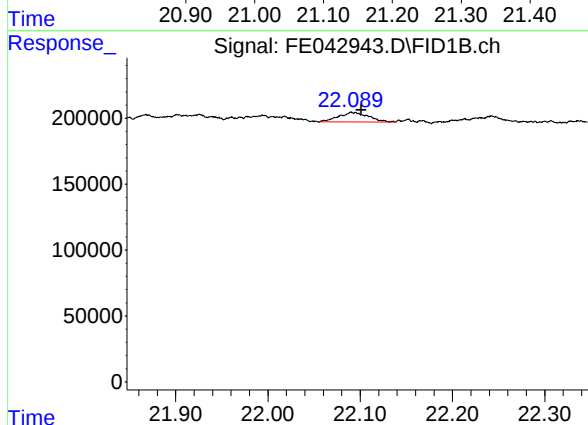
R.T.: 20.430 min
Delta R.T.: -0.003 min
Response: 452314
Conc: 3.38 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: 0.002 min
Response: 71353
Conc: 0.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.009 min
Response: 164269
Conc: 1.18 ug/ml