

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041621.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2023 07:44
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 01 12:08:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.990	69863	0.372 ug/ml
Spiked Amount 50.000		Recovery =	0.74%
12) S 1-chlorooctadecane (S...	13.447	535804	3.793 ug/ml
Spiked Amount 50.000		Recovery =	7.59%
Target Compounds			
7) T n-Hexadecane (C16)	10.206	34206	0.214 ug/ml
8) T n-Octadecane (C18)	11.632	87393	0.533 ug/ml
10) T n-Eicosane (C20)	12.941	193063	1.200 ug/ml
11) T n-Heneicosane (C21)	13.518f	1501214	9.420 ug/ml
13) T n-Docosane (C22)	14.154	840747	5.277 ug/ml
14) T n-Tetracosane (C24)	15.232	4482956	27.806 ug/ml
15) T n-Hexacosane (C26)	16.263	641150	4.055 ug/ml
16) T n-Octacosane (C28)	17.256	486294	3.160 ug/ml
17) T n-Tricontane (C30)	18.146	315443	2.071 ug/ml
18) T n-Dotriacontane (C32)	18.950	323331	2.170 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2741391	19.460 ug/ml
20) T n-Hexatriacontane (C36)	20.503	167540	1.253 ug/ml
21) T n-Octatriacontane (C38)	21.222	1668685	12.629 ug/ml
22) T n-Tetracontane (C40)	22.188	1617498	12.775 ug/ml

(f)=RT Delta > 1/2 Window

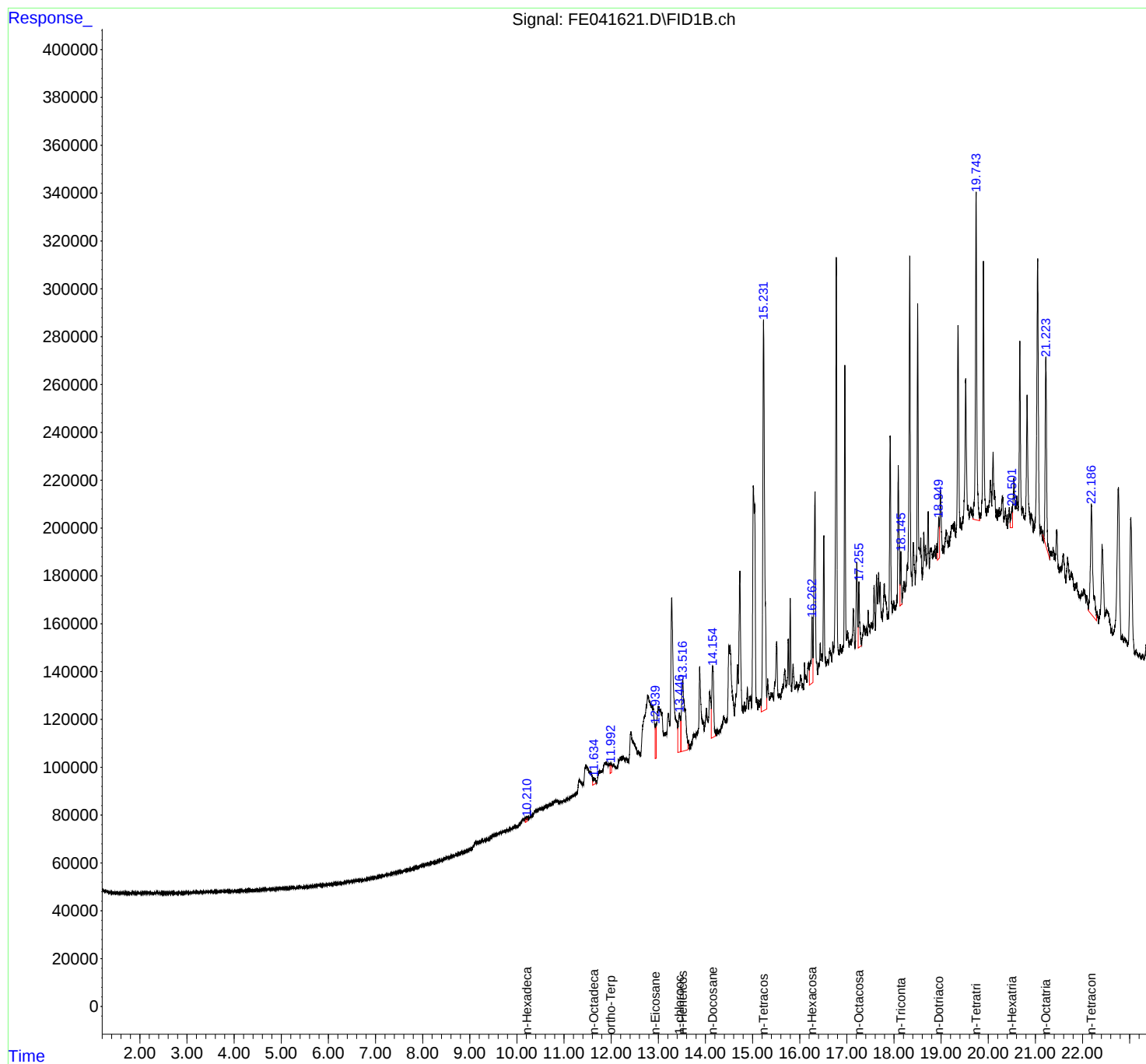
(m)=manual int.

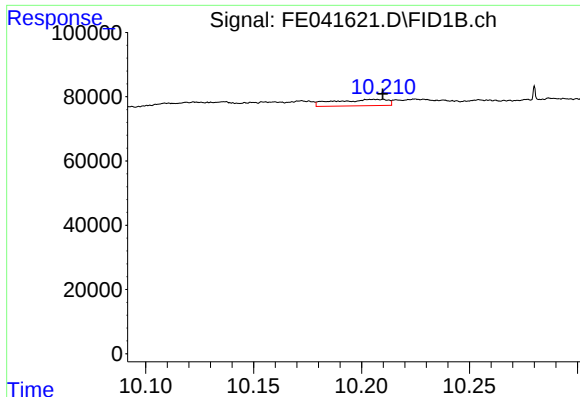
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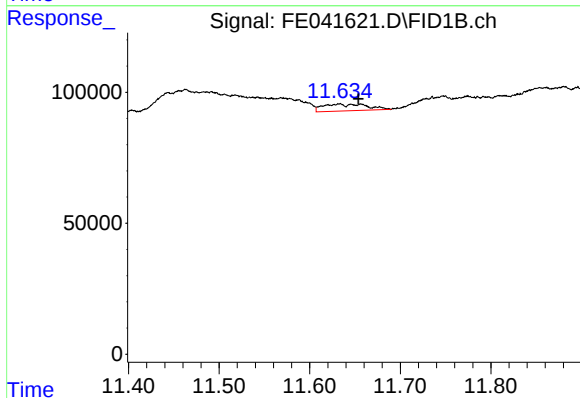




#7 n-Hexadecane (C16)

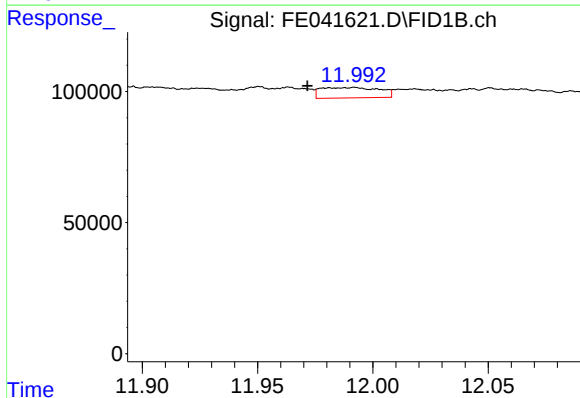
R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 34206
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



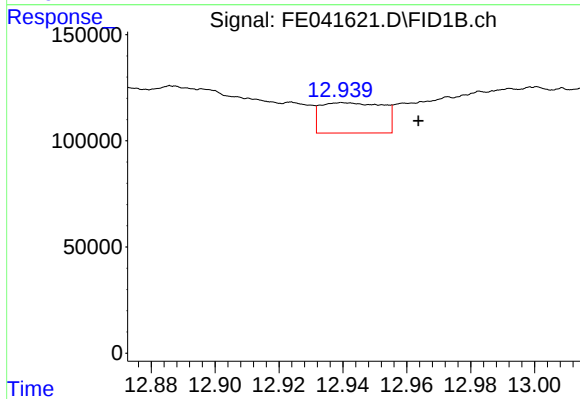
#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.022 min
Response: 87393
Conc: 0.53 ug/ml



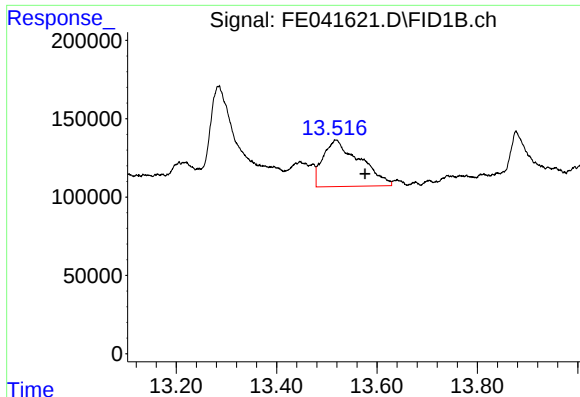
#9 ortho-Terphenyl (SURR)

R.T.: 11.990 min
Delta R.T.: 0.019 min
Response: 69863
Conc: 0.37 ug/ml



#10 n-Eicosane (C20)

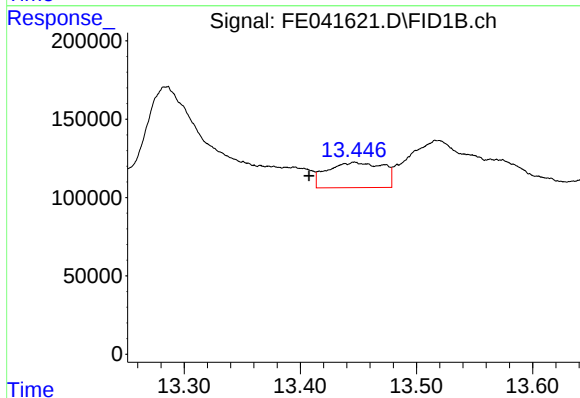
R.T.: 12.941 min
Delta R.T.: -0.023 min
Response: 193063
Conc: 1.20 ug/ml



#11 n-Heneicosane (C21)

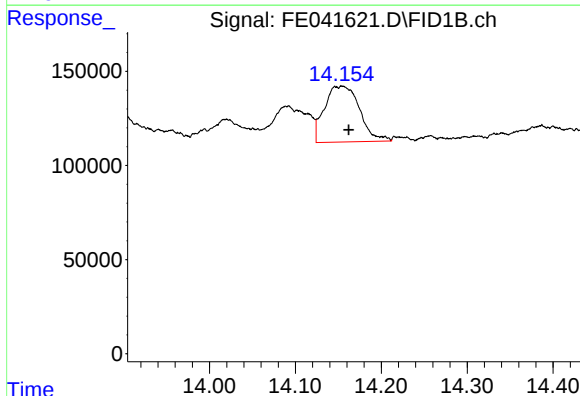
R.T.: 13.518 min
Delta R.T.: -0.057 min
Response: 1501214
Conc: 9.42 ug/ml

Instrument :
FID_E
ClientSampleId :



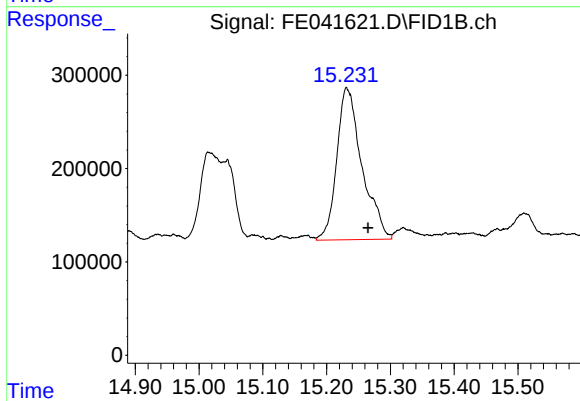
#12 1-chlorooctadecane (SURR)

R.T.: 13.447 min
Delta R.T.: 0.039 min
Response: 535804
Conc: 3.79 ug/ml



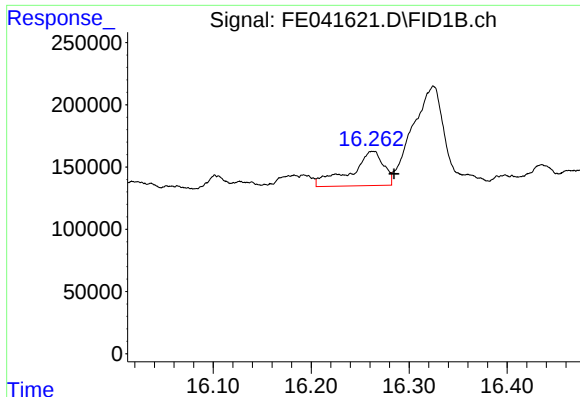
#13 n-Docosane (C22)

R.T.: 14.154 min
Delta R.T.: -0.008 min
Response: 840747
Conc: 5.28 ug/ml



#14 n-Tetracosane (C24)

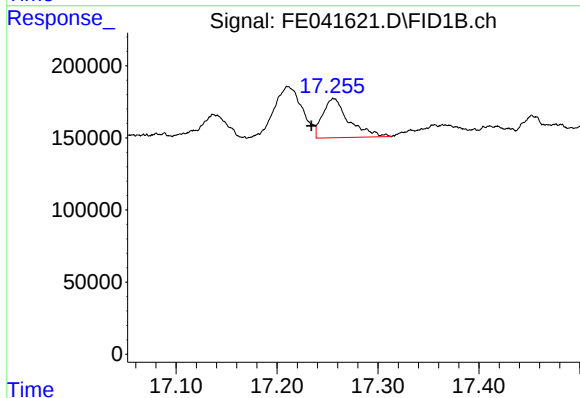
R.T.: 15.232 min
Delta R.T.: -0.033 min
Response: 4482956
Conc: 27.81 ug/ml



#15 n-Hexacosane (C26)

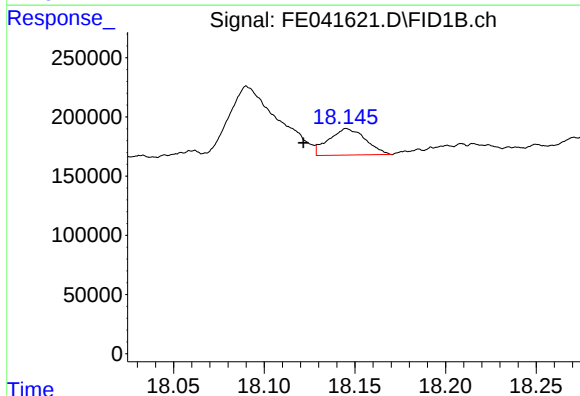
R.T.: 16.263 min
Delta R.T.: -0.022 min
Response: 641150
Conc: 4.06 ug/ml

Instrument :
FID_E
ClientSampleId :



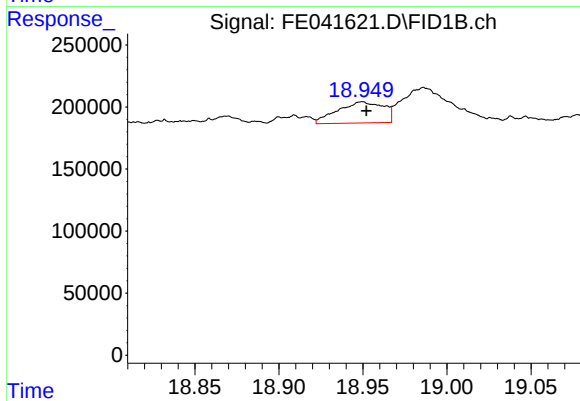
#16 n-Octacosane (C28)

R.T.: 17.256 min
Delta R.T.: 0.022 min
Response: 486294
Conc: 3.16 ug/ml



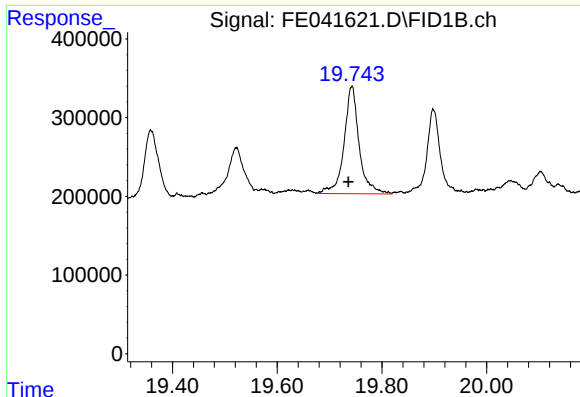
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: 0.024 min
Response: 315443
Conc: 2.07 ug/ml



#18 n-Dotriacontane (C32)

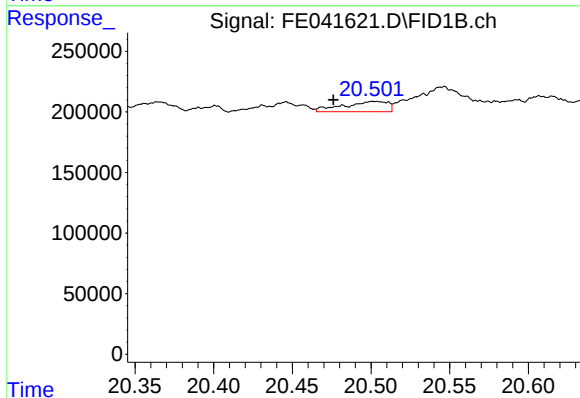
R.T.: 18.950 min
Delta R.T.: -0.002 min
Response: 323331
Conc: 2.17 ug/ml



#19 n-Tetratriacontane (C34)

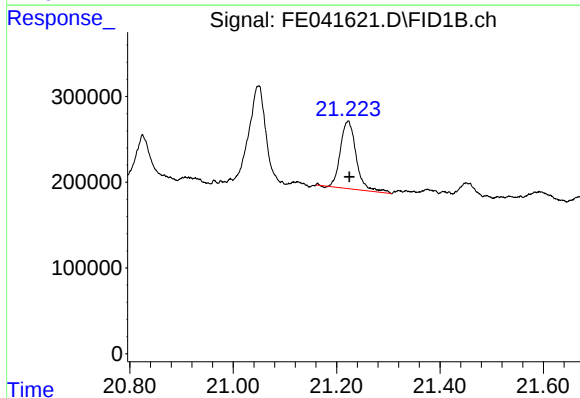
R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 2741391
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :



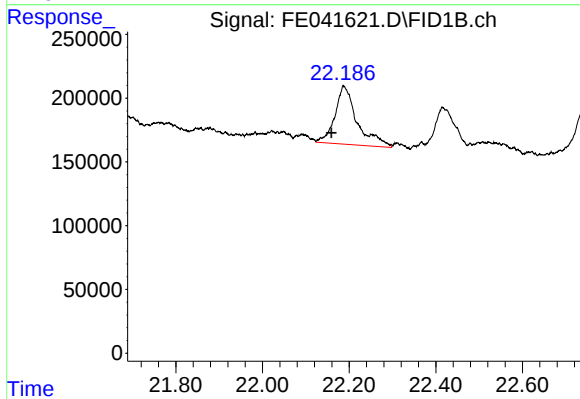
#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: 0.027 min
Response: 167540
Conc: 1.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.003 min
Response: 1668685
Conc: 12.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.188 min
Delta R.T.: 0.029 min
Response: 1617498
Conc: 12.78 ug/ml