

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041934.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 10:53
 Operator : YP\AJ
 Sample : 02782-02DL 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 11:20:37 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)	11.970	304040	1.621 ug/ml
Spiked Amount 50.000		Recovery =	3.24%
12) S 1-chlorooctadecane (S...	13.410	374503	2.651 ug/ml
Spiked Amount 50.000		Recovery =	5.30%
Target Compounds			
7) T n-Hexadecane (C16)	10.210	33129	0.208 ug/ml
8) T n-Octadecane (C18)	11.651	139747	0.853 ug/ml
10) T n-Eicosane (C20)	12.962	315868	1.964 ug/ml
11) T n-Heneicosane (C21)	13.577	283371	1.778 ug/ml
13) T n-Docosane (C22)	14.176	1328064	8.335 ug/ml
14) T n-Tetracosane (C24)	15.273	998458	6.193 ug/ml
15) T n-Hexacosane (C26)	16.289	825668	5.223 ug/ml
16) T n-Octacosane (C28)	17.231	88257	0.574 ug/ml
17) T n-Tricontane (C30)	18.127	152047	0.998 ug/ml
18) T n-Dotriacontane (C32)	18.956	208927	1.402 ug/ml
19) T n-Tetratriacontane (C34)	19.740	57808	0.410 ug/ml
20) T n-Hexatriacontane (C36)	20.483	51694	0.387 ug/ml

(f)=RT Delta > 1/2 Window

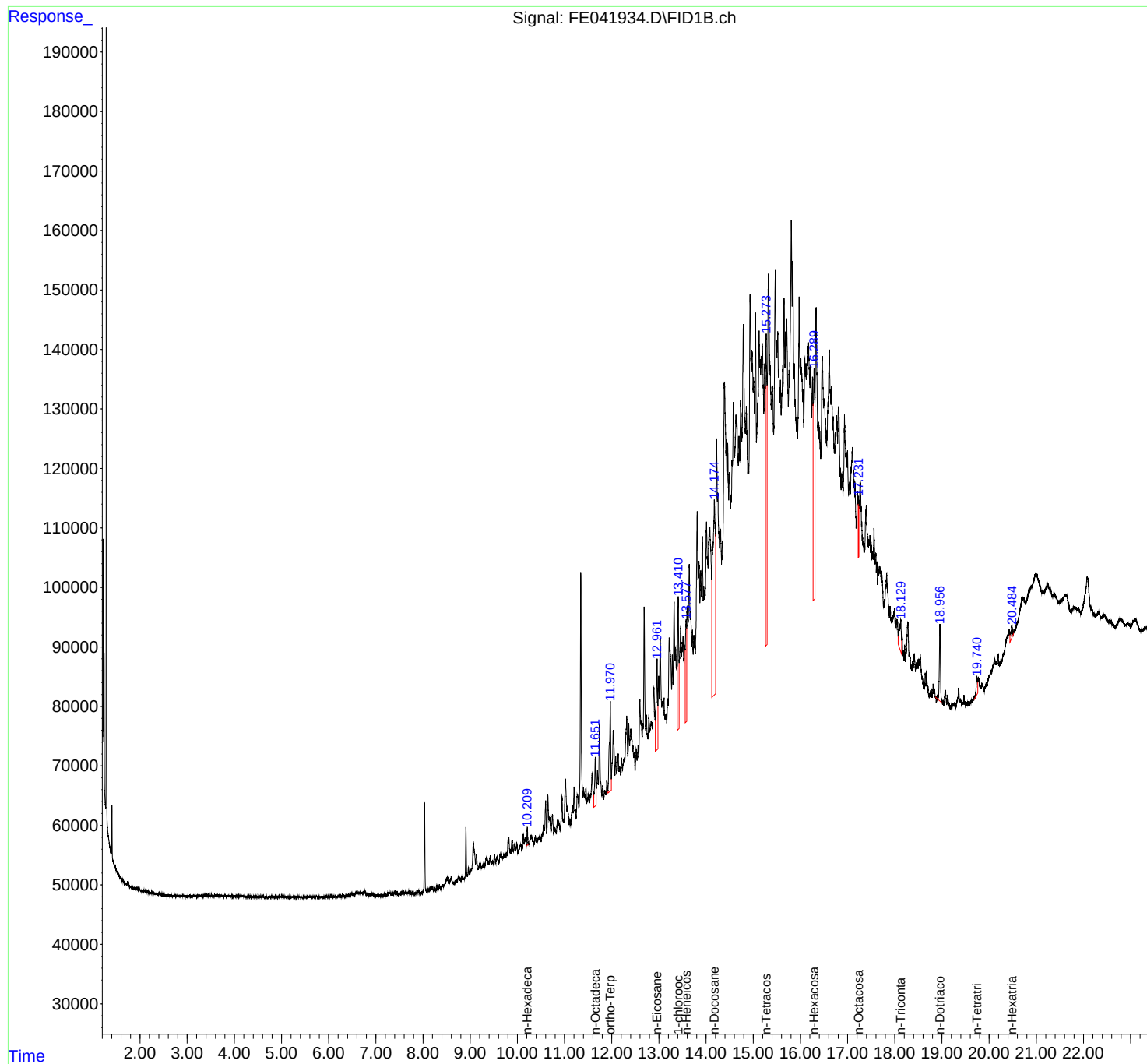
(m)=manual int.

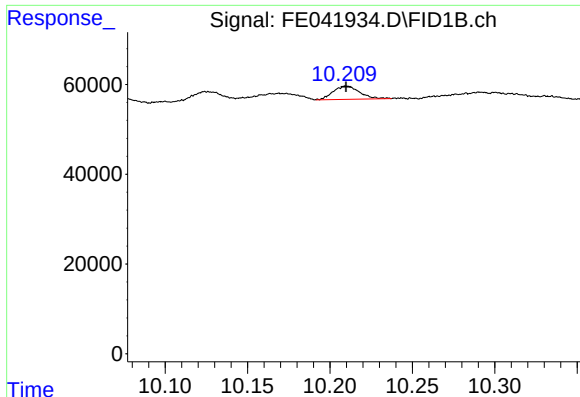
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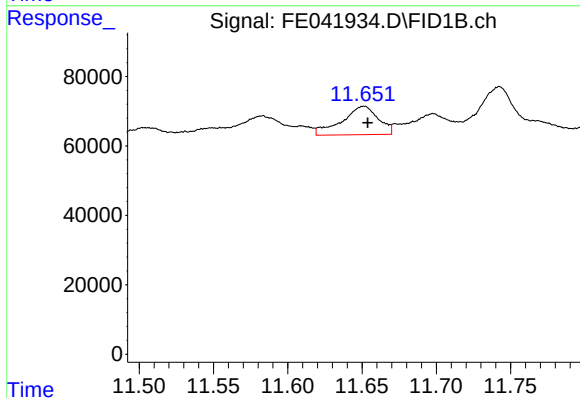




#7 n-Hexadecane (C16)

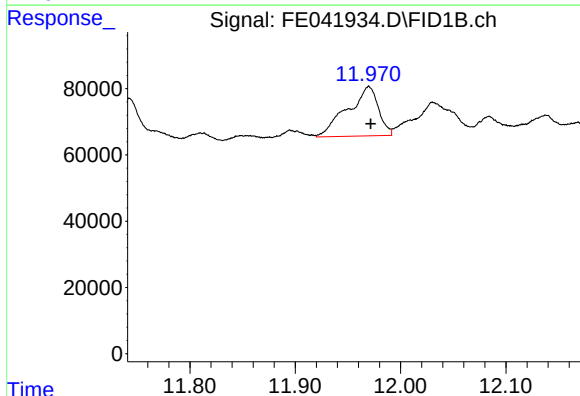
R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 33129
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



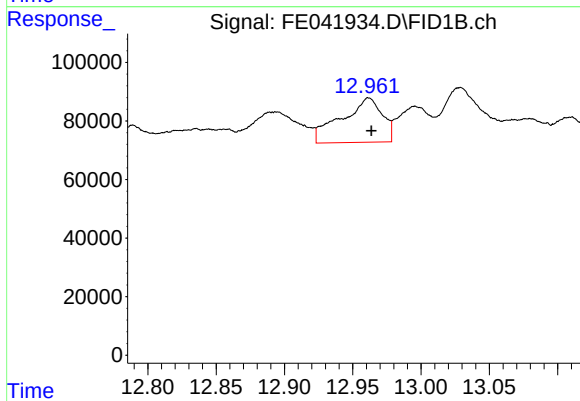
#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 139747
Conc: 0.85 ug/ml



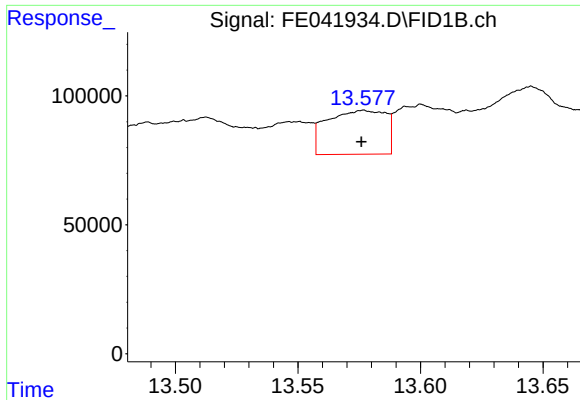
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.002 min
Response: 304040
Conc: 1.62 ug/ml



#10 n-Eicosane (C20)

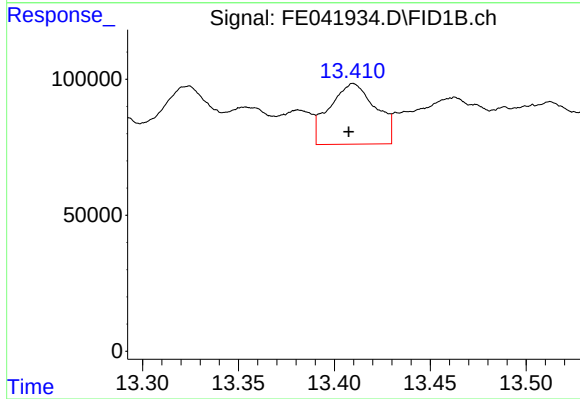
R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 315868
Conc: 1.96 ug/ml



#11 n-Heneicosane (C21)

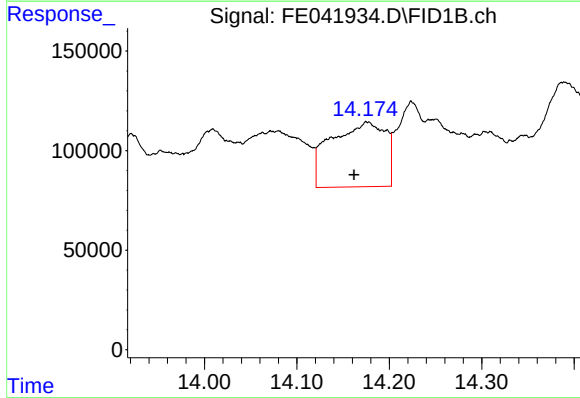
R.T.: 13.577 min
Delta R.T.: 0.000 min
Response: 283371
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :



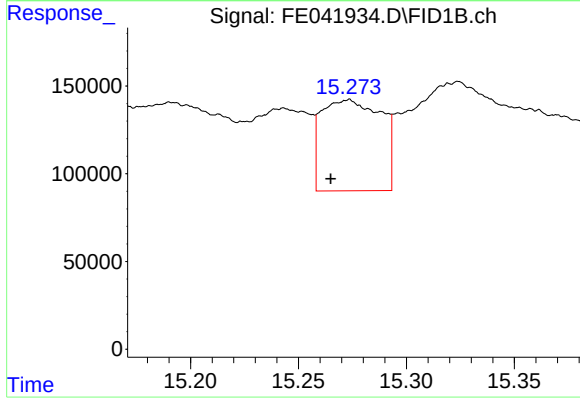
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.002 min
Response: 374503
Conc: 2.65 ug/ml



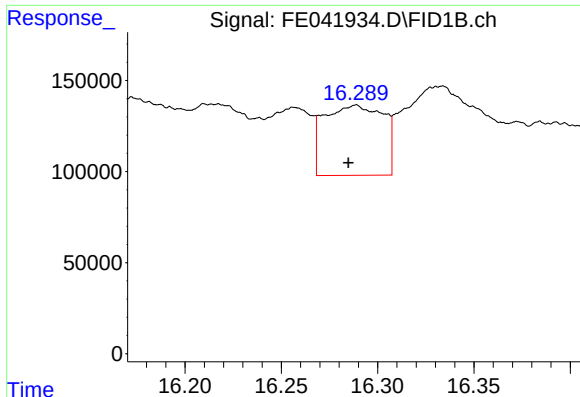
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.014 min
Response: 1328064
Conc: 8.34 ug/ml



#14 n-Tetracosane (C24)

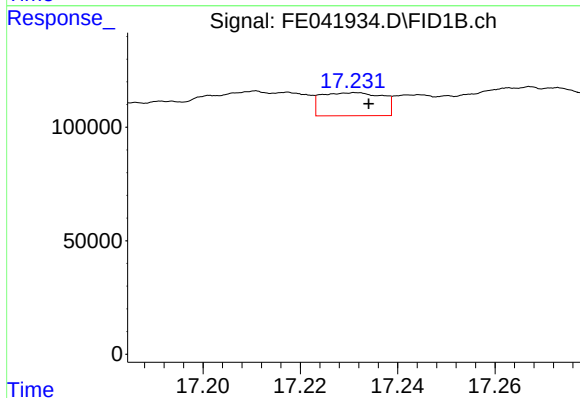
R.T.: 15.273 min
Delta R.T.: 0.008 min
Response: 998458
Conc: 6.19 ug/ml



#15 n-Hexacosane (C26)

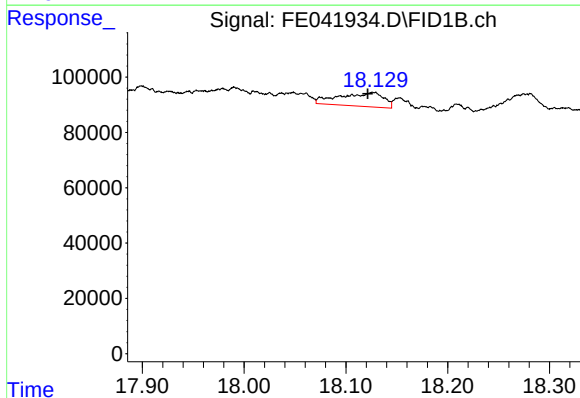
R.T.: 16.289 min
Delta R.T.: 0.004 min
Response: 825668
Conc: 5.22 ug/ml

Instrument :
FID_E
ClientSampleId :



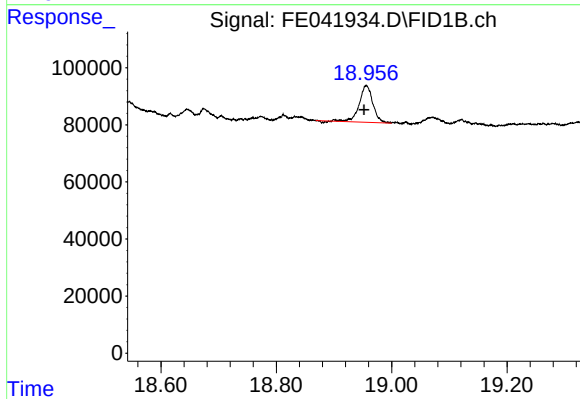
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.003 min
Response: 88257
Conc: 0.57 ug/ml



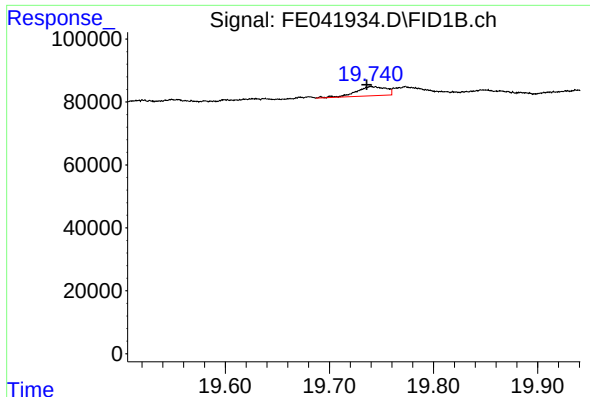
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.005 min
Response: 152047
Conc: 1.00 ug/ml



#18 n-Dotriacontane (C32)

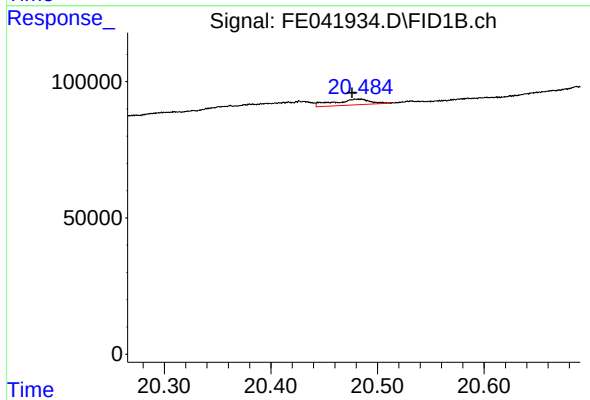
R.T.: 18.956 min
Delta R.T.: 0.004 min
Response: 208927
Conc: 1.40 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 57808
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 51694
Conc: 0.39 ug/ml