

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
 Data File : FE042678.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 00:51
 Operator : YP\AJ
 Sample : 03295-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 01:47:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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	56836531	321.877 ug/ml
Spiked Amount 50.000		Recovery =	643.75%
12) S 1-chlorooctadecane (S...	13.407	36990392	278.377 ug/ml
Spiked Amount 50.000		Recovery =	556.75%
Target Compounds			
6) T n-Tetradecane (C14)	8.580	1358080	9.066 ug/ml
7) T n-Hexadecane (C16)	10.197	12919459	82.939 ug/ml
8) T n-Octadecane (C18)	11.669	24660253	155.945 ug/ml
10) T n-Eicosane (C20)	12.965	12934027	85.327 ug/ml
11) T n-Heneicosane (C21)	13.577	9681917	65.351 ug/ml
13) T n-Docosane (C22)	14.161	14299199	97.541 ug/ml
14) T n-Tetracosane (C24)	15.248	7299004	50.562 ug/ml
16) T n-Octacosane (C28)	17.248	138823	1.037 ug/ml
17) T n-Tricontane (C30)	18.185f	143754	1.065 ug/ml
18) T n-Dotriacontane (C32)	18.962	80676	0.604 ug/ml
19) T n-Tetratriacontane (C34)	19.732	96065	0.730 ug/ml
20) T n-Hexatriacontane (C36)	20.437	803593	6.183 ug/ml
21) T n-Octatriacontane (C38)	21.250	443350	3.268 ug/ml
22) T n-Tetracontane (C40)	22.186	346391	2.490 ug/ml

(f)=RT Delta > 1/2 Window

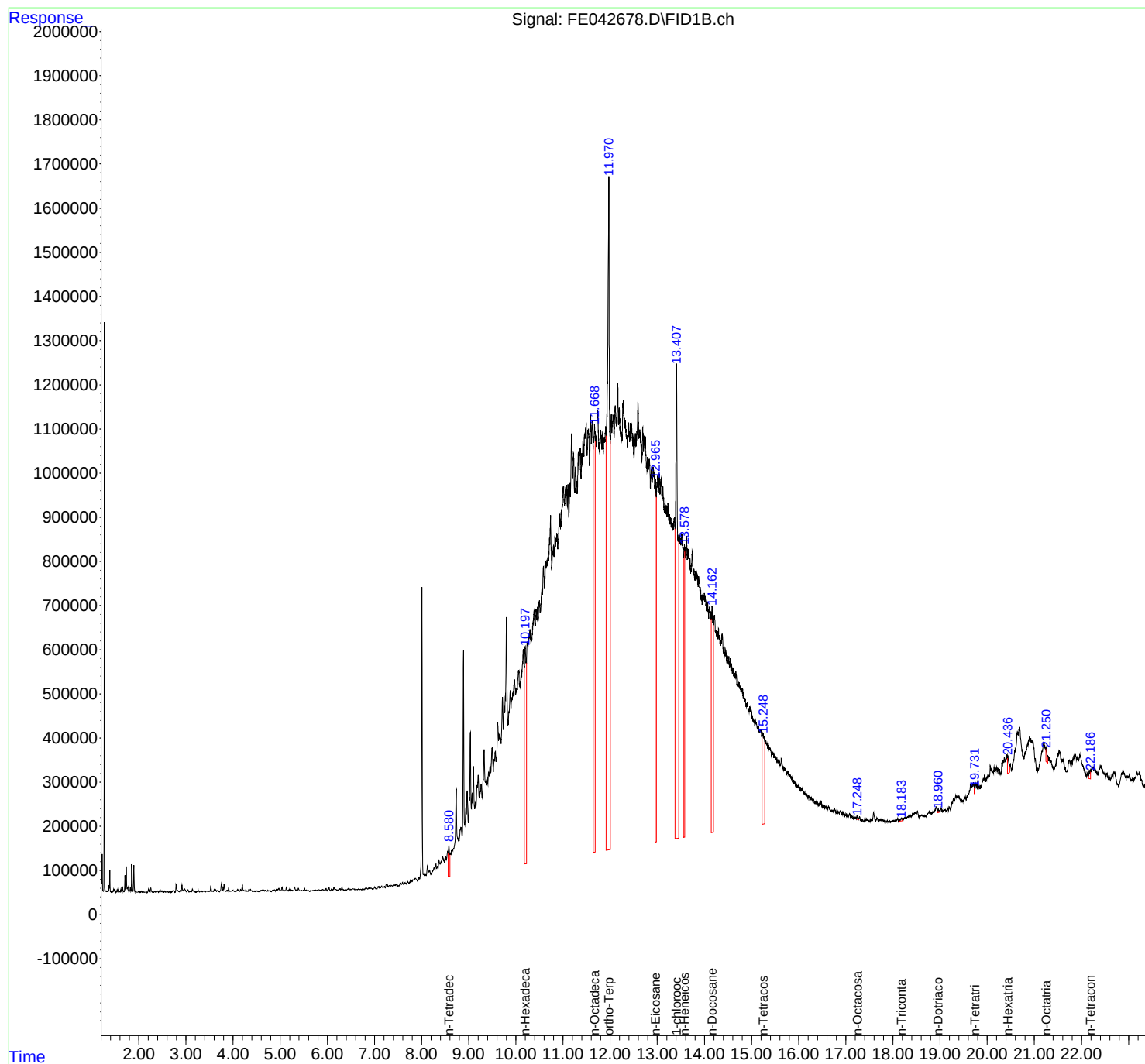
(m)=manual int.

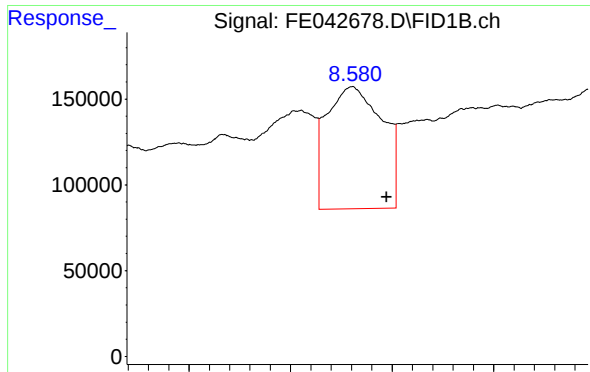
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
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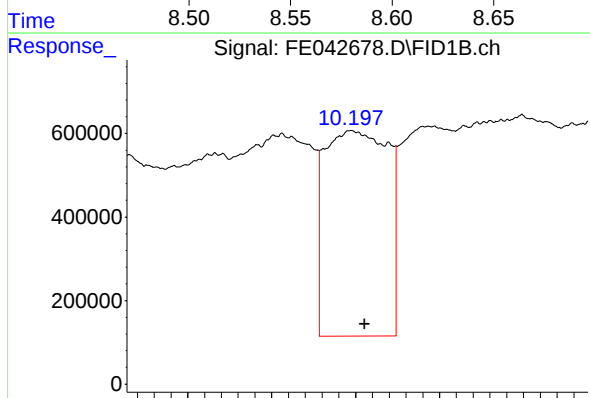




#6 n-Tetradecane (C14)

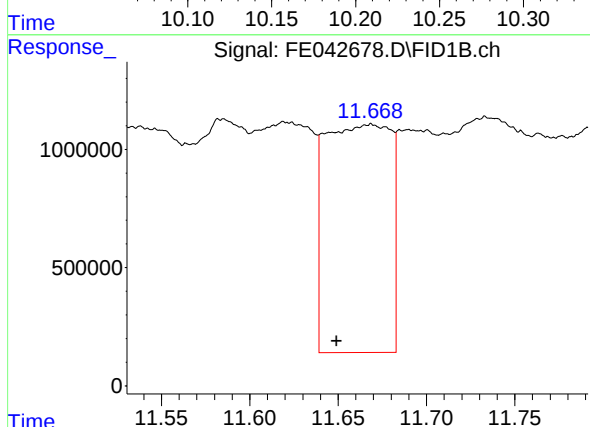
R.T.: 8.580 min
Delta R.T.: -0.017 min
Response: 1358080
Conc: 9.07 ug/ml

Instrument :
FID_E
ClientSampleId :



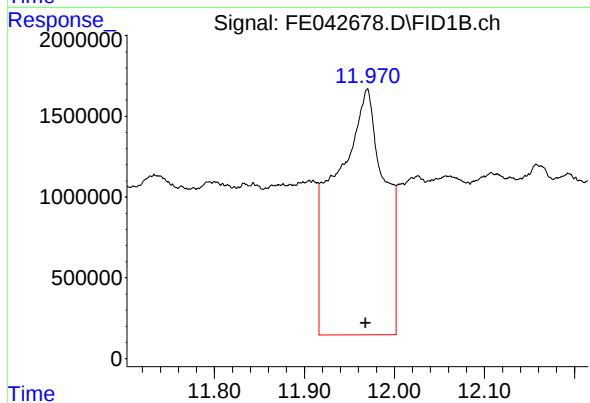
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.008 min
Response: 12919459
Conc: 82.94 ug/ml



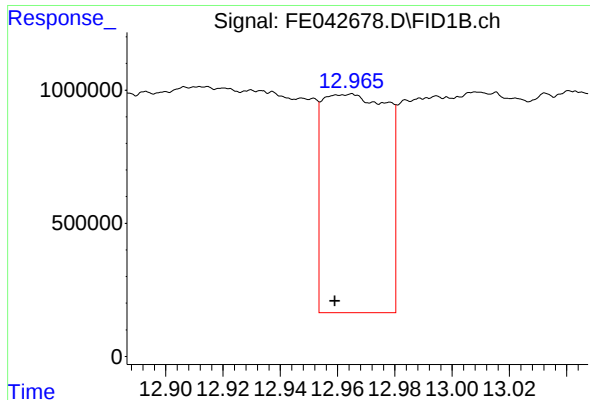
#8 n-Octadecane (C18)

R.T.: 11.669 min
Delta R.T.: 0.019 min
Response: 24660253
Conc: 155.95 ug/ml



#9 ortho-Terphenyl (SURR)

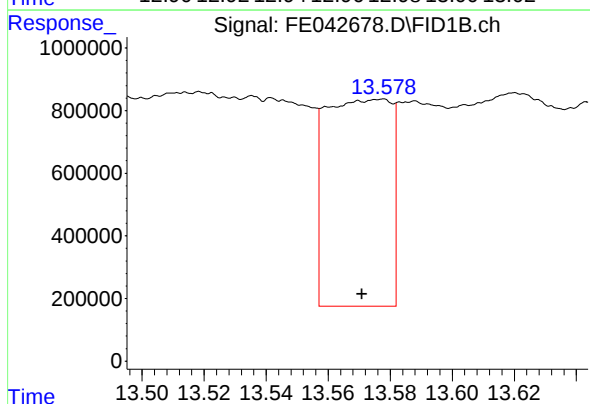
R.T.: 11.970 min
Delta R.T.: 0.002 min
Response: 56836531
Conc: 321.88 ug/ml



#10 n-Eicosane (C20)

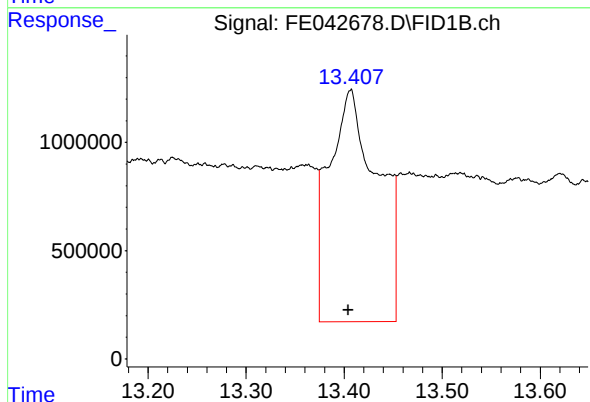
R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 12934027
Conc: 85.33 ug/ml

Instrument :
FID_E
ClientSampleId :



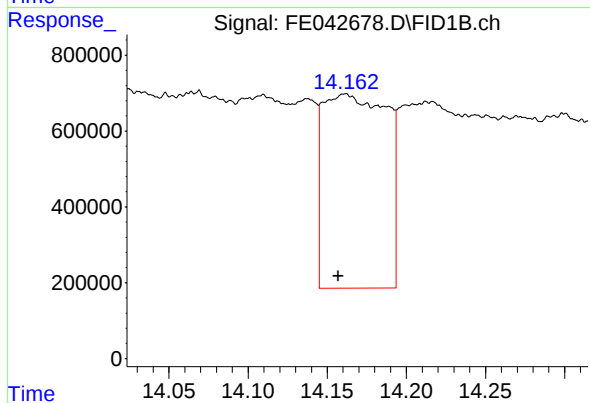
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.006 min
Response: 9681917
Conc: 65.35 ug/ml



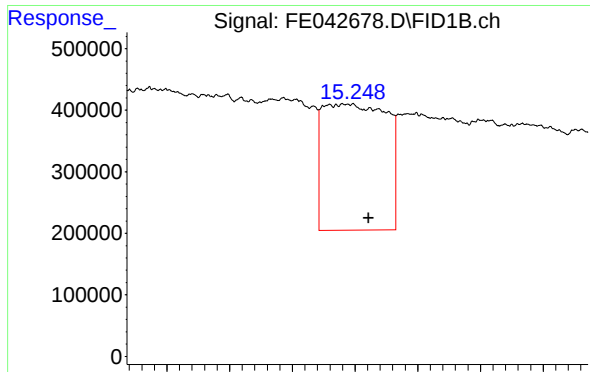
#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.003 min
Response: 36990392
Conc: 278.38 ug/ml



#13 n-Docosane (C22)

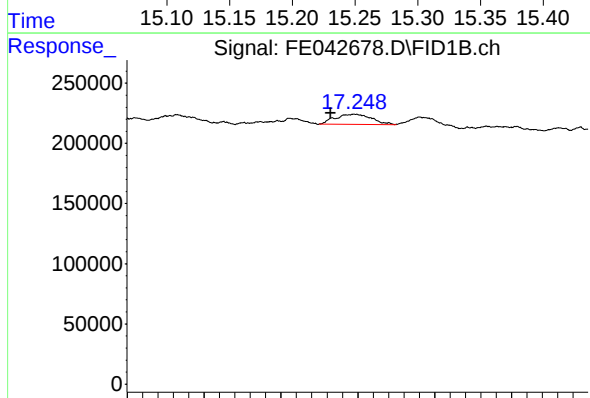
R.T.: 14.161 min
Delta R.T.: 0.004 min
Response: 14299199
Conc: 97.54 ug/ml



#14 n-Tetracosane (C24)

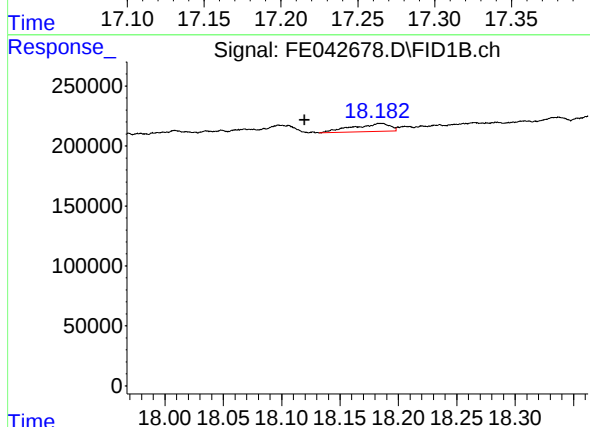
R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 7299004
Conc: 50.56 ug/ml

Instrument :
FID_E
ClientSampleId :



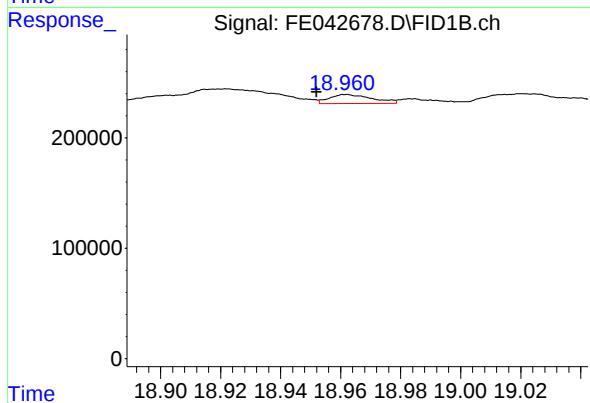
#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: 0.016 min
Response: 138823
Conc: 1.04 ug/ml



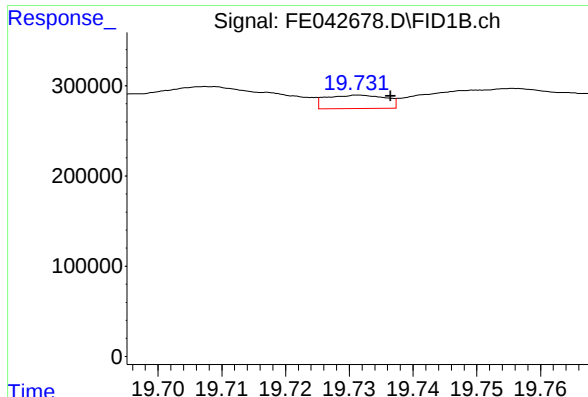
#17 n-Tricontane (C30)

R.T.: 18.185 min
Delta R.T.: 0.065 min
Response: 143754
Conc: 1.06 ug/ml



#18 n-Dotriacontane (C32)

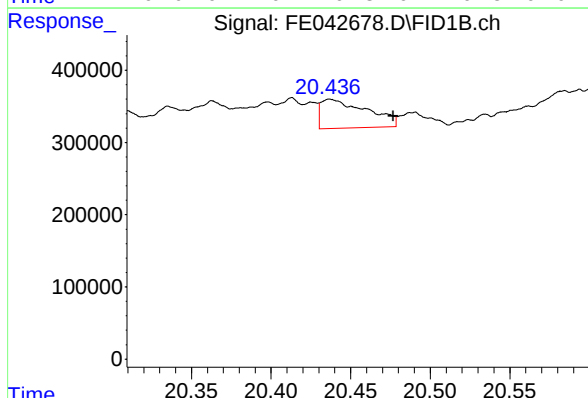
R.T.: 18.962 min
Delta R.T.: 0.010 min
Response: 80676
Conc: 0.60 ug/ml



#19 n-Tetratriacontane (C34)

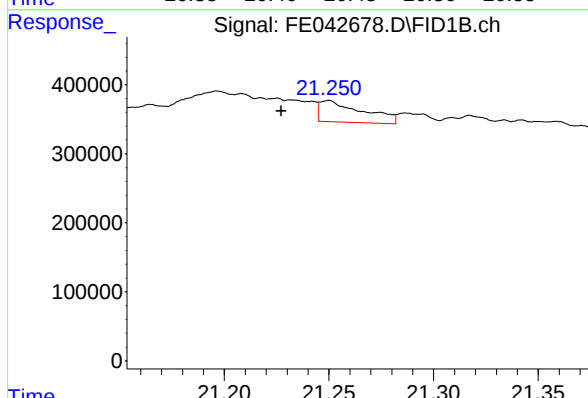
R.T.: 19.732 min
Delta R.T.: -0.005 min
Response: 96065
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



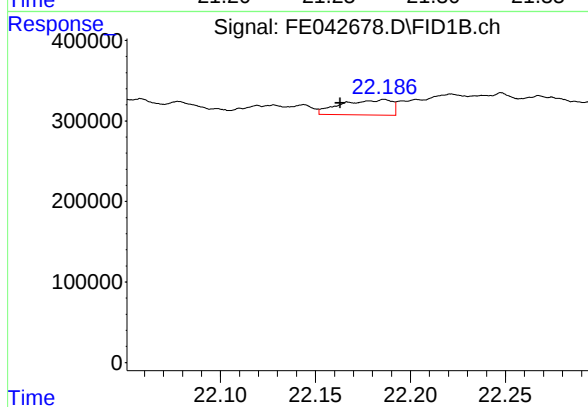
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.040 min
Response: 803593
Conc: 6.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.022 min
Response: 443350
Conc: 3.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.186 min
Delta R.T.: 0.023 min
Response: 346391
Conc: 2.49 ug/ml