

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060623AL\
 Data File : FE042446.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jun 2023 03:39
 Operator : YP\AJ
 Sample : 03046-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 05:11:56 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)	12.022f	1457161	8.252 ug/ml
Spiked Amount 50.000		Recovery =	16.50%
12) S 1-chlorooctadecane (S...	13.392	4944101	37.208 ug/ml
Spiked Amount 50.000		Recovery =	74.42%
Target Compounds			
6) T n-Tetradecane (C14)	8.661f	279811	1.868 ug/ml
7) T n-Hexadecane (C16)	10.208	285206	1.831 ug/ml
10) T n-Eicosane (C20)	12.938	2921738	19.275 ug/ml
11) T n-Heneicosane (C21)	13.568	502776	3.394 ug/ml
13) T n-Docosane (C22)	14.141	427467	2.916 ug/ml
14) T n-Tetracosane (C24)	15.278	2253887	15.613 ug/ml
15) T n-Hexacosane (C26)	16.308	2287483	16.516 ug/ml
16) T n-Octacosane (C28)	17.187	759054	5.670 ug/ml
20) T n-Hexatriacontane (C36)	20.463	85917	0.661 ug/ml

(f)=RT Delta > 1/2 Window

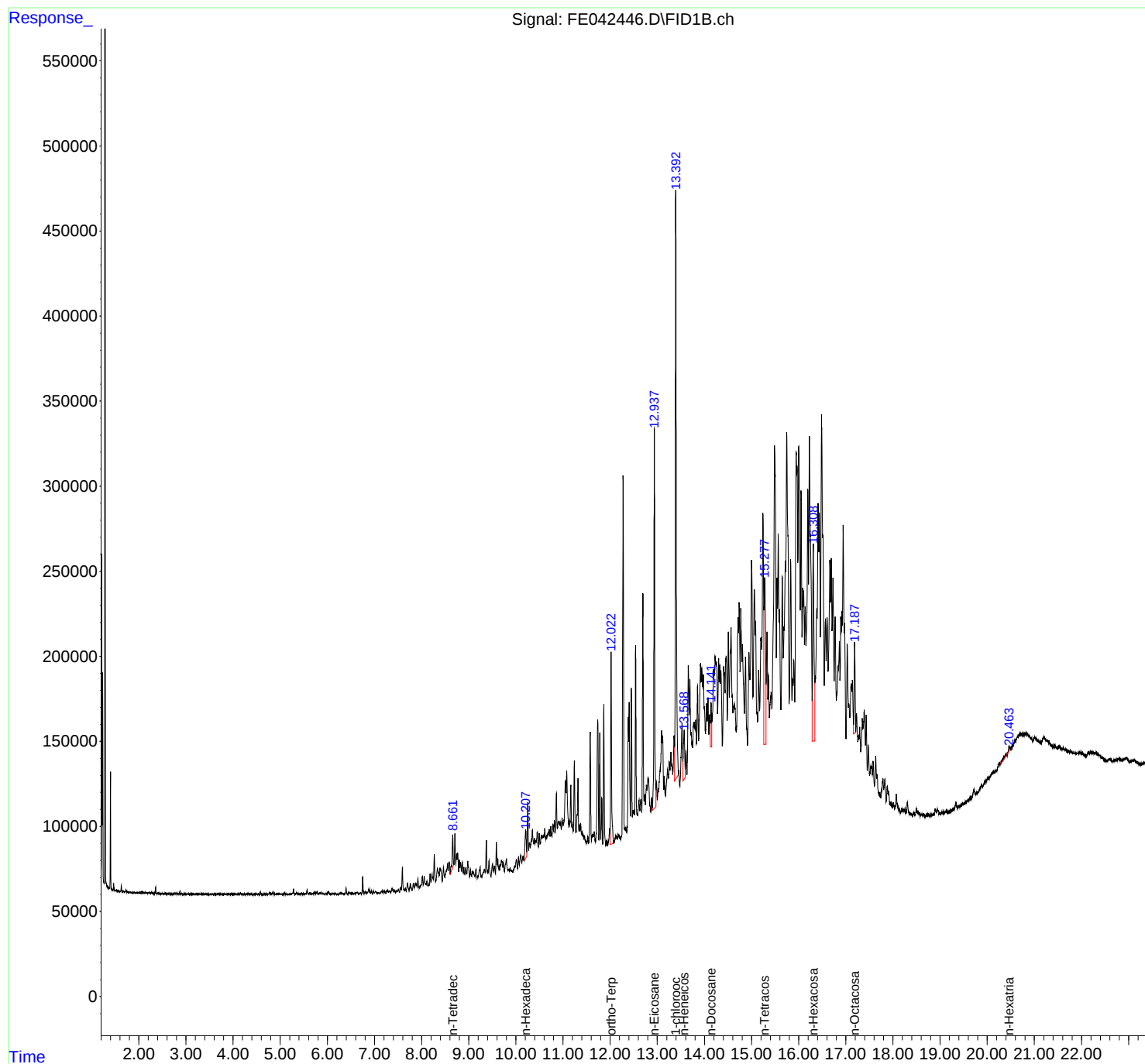
(m)=manual int.

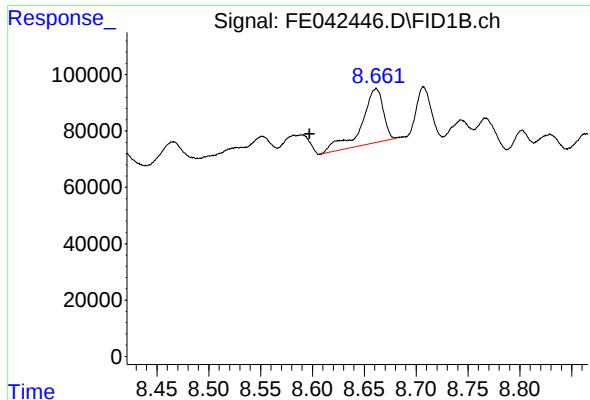
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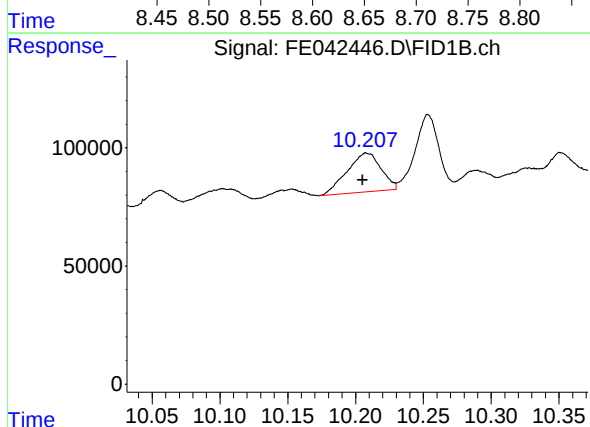




#6 n-Tetradecane (C14)

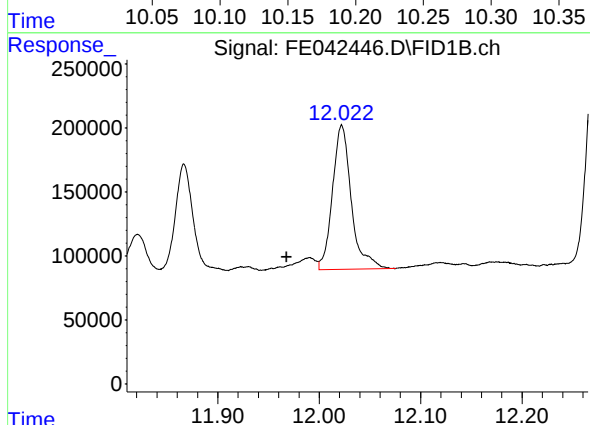
R.T.: 8.661 min
Delta R.T.: 0.064 min
Response: 279811
Conc: 1.87 ug/ml

Instrument :
FID_E
ClientSampleId :



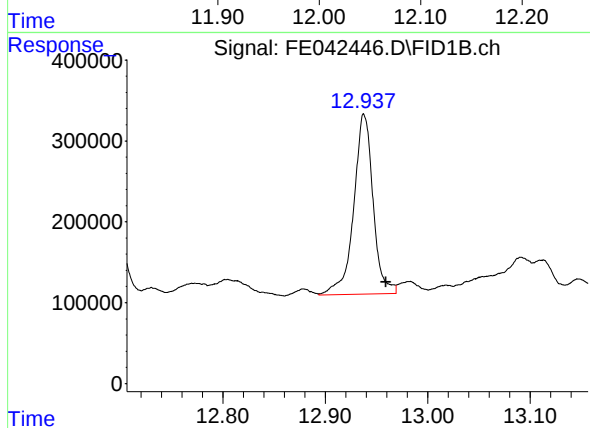
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: 0.003 min
Response: 285206
Conc: 1.83 ug/ml



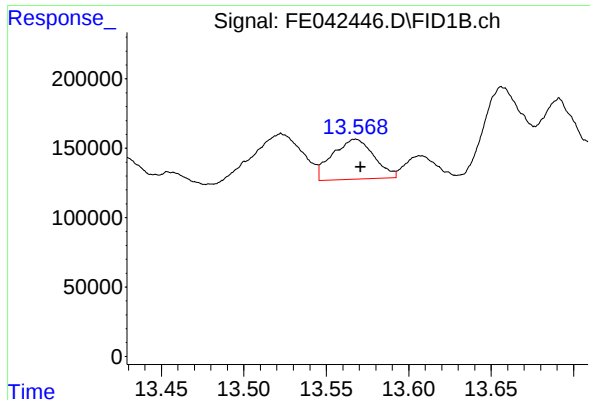
#9 ortho-Terphenyl (SURR)

R.T.: 12.022 min
Delta R.T.: 0.054 min
Response: 1457161
Conc: 8.25 ug/ml



#10 n-Eicosane (C20)

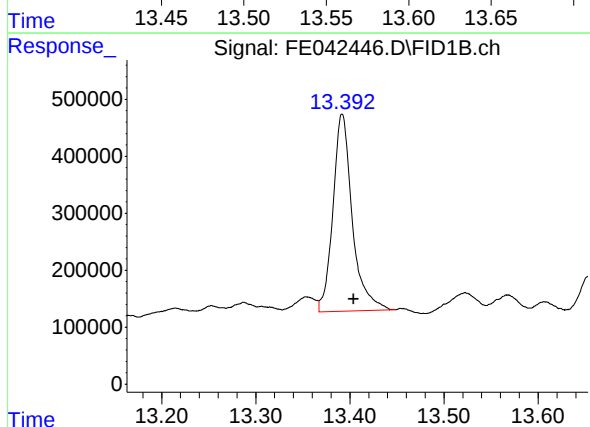
R.T.: 12.938 min
Delta R.T.: -0.021 min
Response: 2921738
Conc: 19.27 ug/ml



#11 n-Heneicosane (C21)

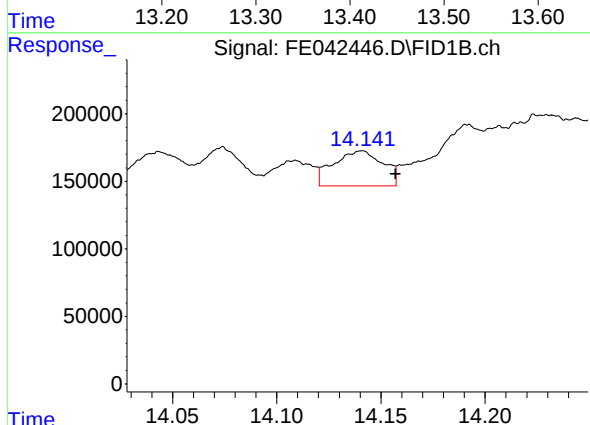
R.T.: 13.568 min
Delta R.T.: -0.003 min
Response: 502776
Conc: 3.39 ug/ml

Instrument :
FID_E
ClientSampleId :



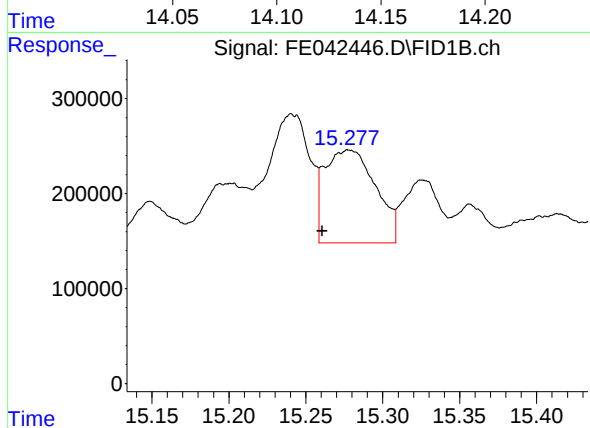
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 4944101
Conc: 37.21 ug/ml



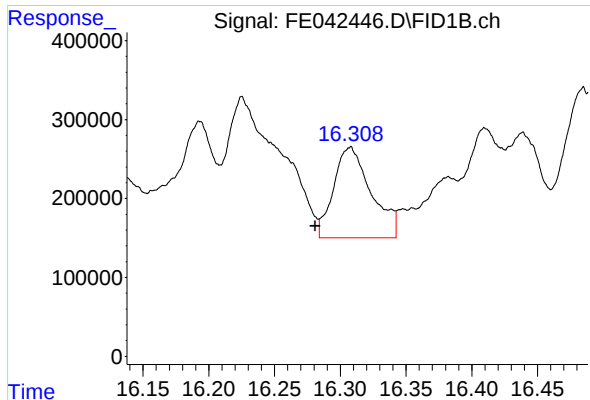
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: -0.016 min
Response: 427467
Conc: 2.92 ug/ml



#14 n-Tetracosane (C24)

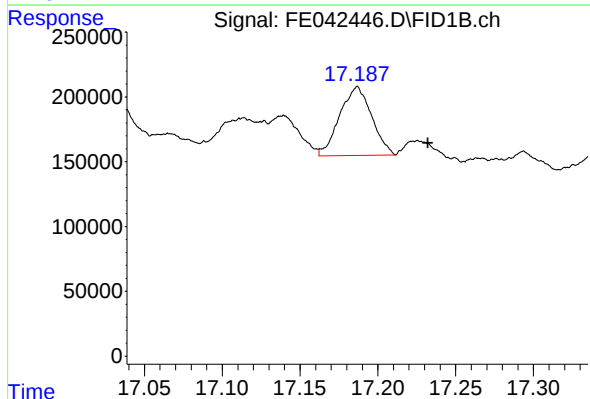
R.T.: 15.278 min
Delta R.T.: 0.017 min
Response: 2253887
Conc: 15.61 ug/ml



#15 n-Hexacosane (C26)

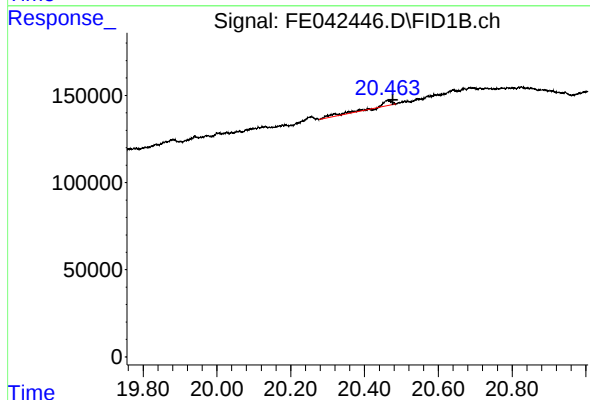
R.T.: 16.308 min
Delta R.T.: 0.027 min
Response: 2287483
Conc: 16.52 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.046 min
Response: 759054
Conc: 5.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 85917
Conc: 0.66 ug/ml