

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047397.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 08:32
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 03:01:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 2024
 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)	11.978	20044	0.128 ug/ml
Spiked Amount 50.000		Recovery =	0.26%
12) S 1-chlorooctadecane (S...	13.421	257909	2.127 ug/ml
Spiked Amount 50.000		Recovery =	4.25%
Target Compounds			
8) T n-Octadecane (C18)	11.651	34521	0.227 ug/ml
11) T n-Heneicosane (C21)	13.562	529425	3.704 ug/ml
13) T n-Docosane (C22)	14.130	1926959	13.575 ug/ml
14) T n-Tetracosane (C24)	15.264	1248834	8.859 ug/ml
15) T n-Hexacosane (C26)	16.290	1348219	9.696 ug/ml
16) T n-Octacosane (C28)	17.239	791597	5.793 ug/ml
17) T n-Tricontane (C30)	18.125	673687	4.852 ug/ml
18) T n-Dotriacontane (C32)	18.960	767824	5.566 ug/ml
19) T n-Tetratriacontane (C34)	19.728	432611	3.157 ug/ml
20) T n-Hexatriacontane (C36)	20.478	397965	2.914 ug/ml
21) T n-Octatriacontane (C38)	21.221	177508	1.281 ug/ml
22) T n-Tetracontane (C40)	22.147	421659	2.943 ug/ml

(f)=RT Delta > 1/2 Window

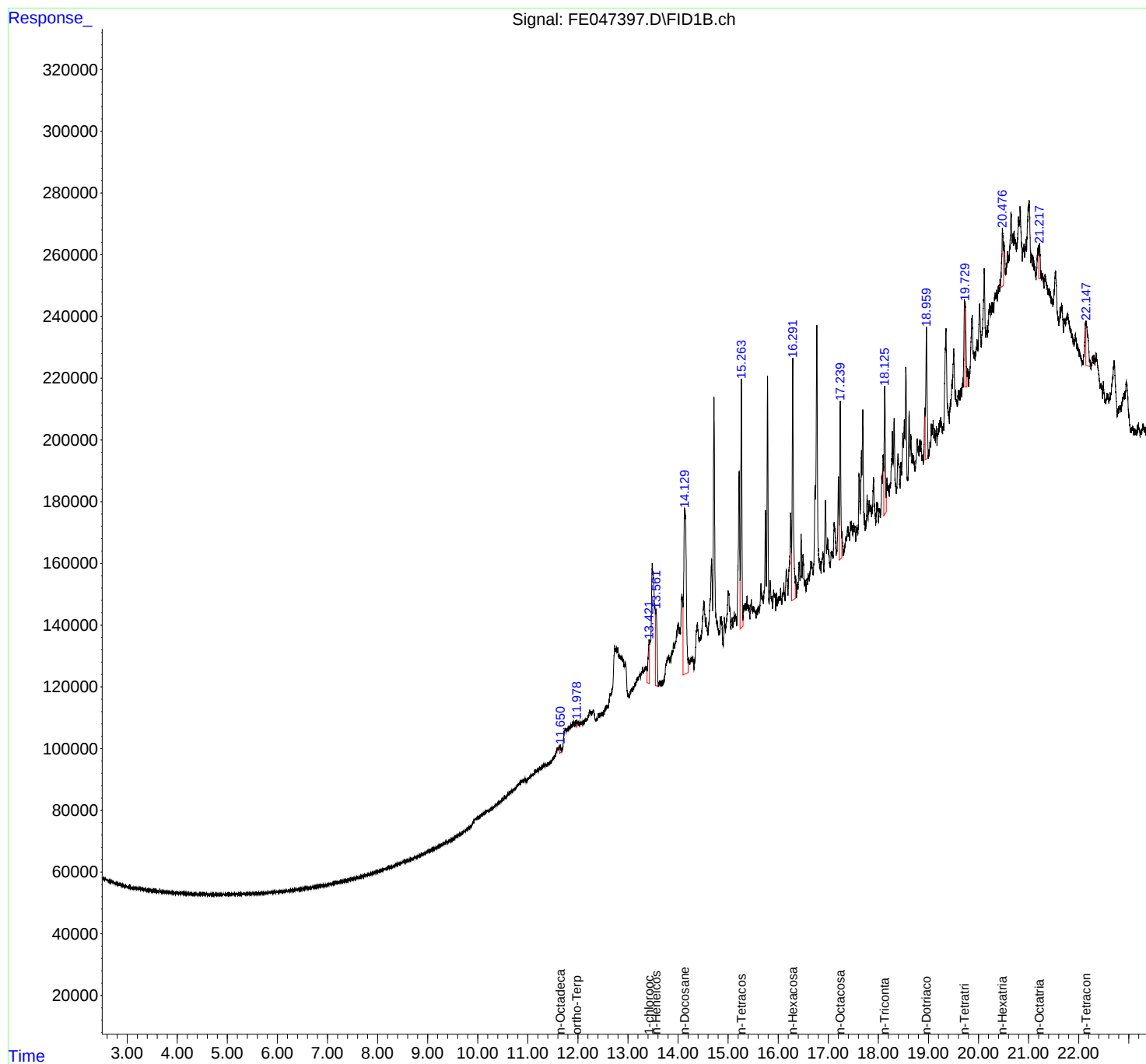
(m)=manual int.

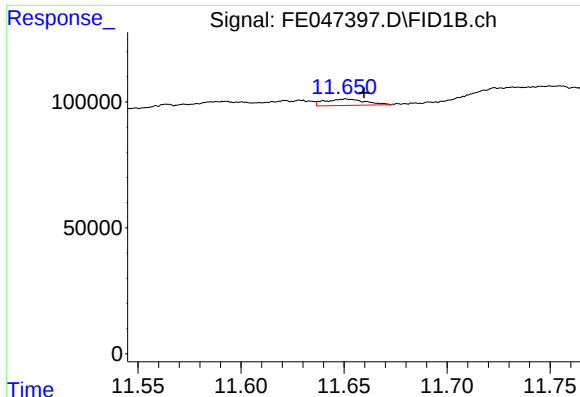
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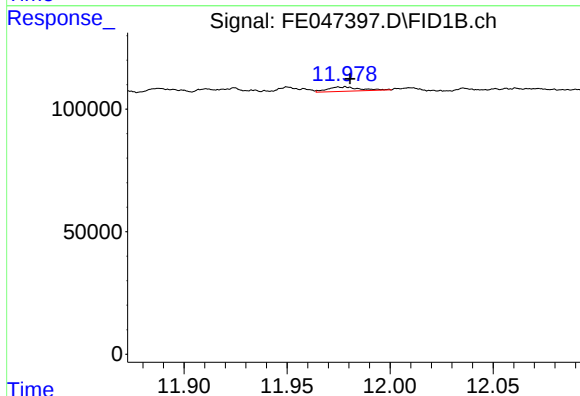




#8 n-Octadecane (C18)

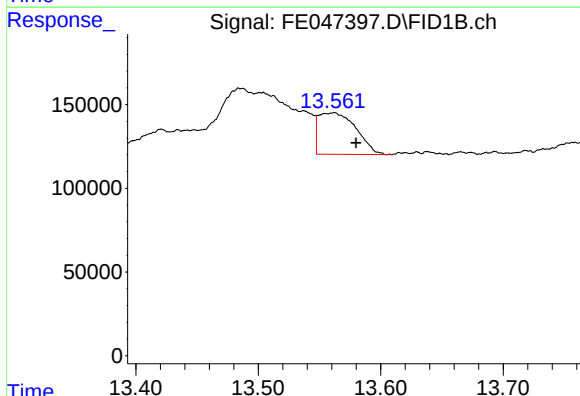
R.T.: 11.651 min
Delta R.T.: -0.009 min
Response: 34521
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



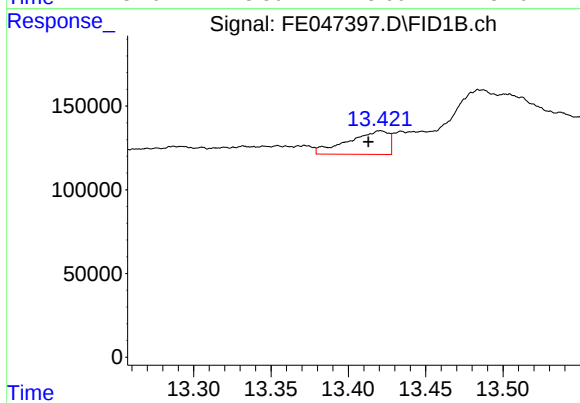
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.002 min
Response: 20044
Conc: 0.13 ug/ml



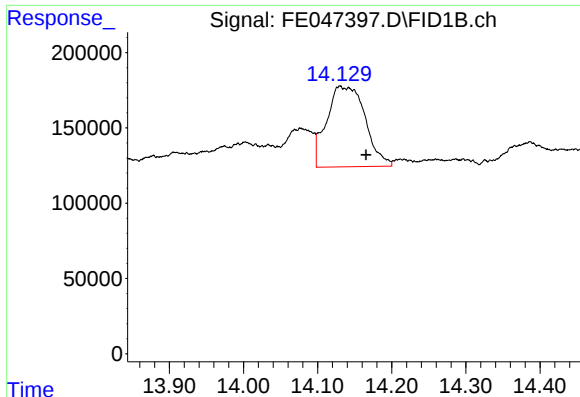
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.018 min
Response: 529425
Conc: 3.70 ug/ml



#12 1-chlorooctadecane (SURR)

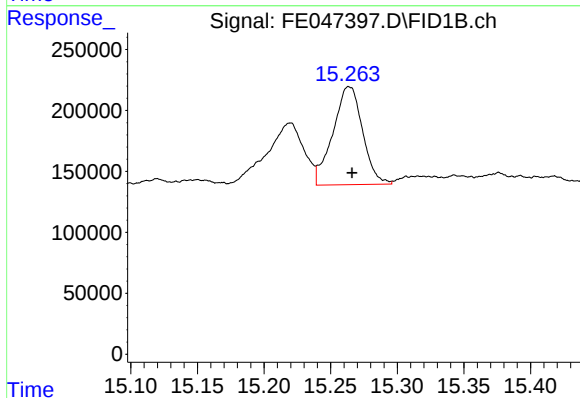
R.T.: 13.421 min
Delta R.T.: 0.008 min
Response: 257909
Conc: 2.13 ug/ml



#13 n-Docosane (C22)

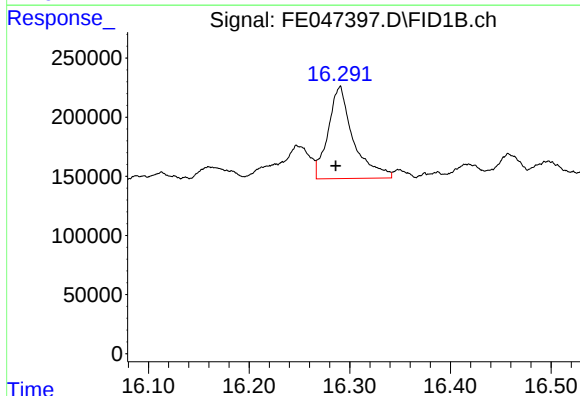
R.T.: 14.130 min
Delta R.T.: -0.035 min
Response: 1926959
Conc: 13.57 ug/ml

Instrument :
FID_E
ClientSampleId :



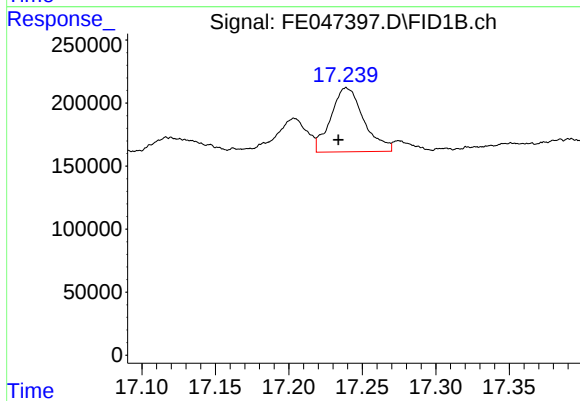
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.002 min
Response: 1248834
Conc: 8.86 ug/ml



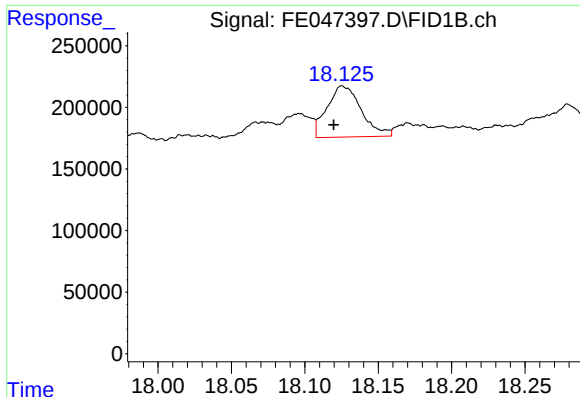
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.004 min
Response: 1348219
Conc: 9.70 ug/ml



#16 n-Octacosane (C28)

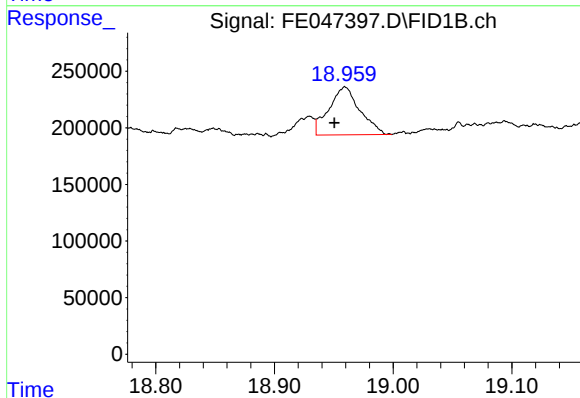
R.T.: 17.239 min
Delta R.T.: 0.005 min
Response: 791597
Conc: 5.79 ug/ml



#17 n-Tricontane (C30)

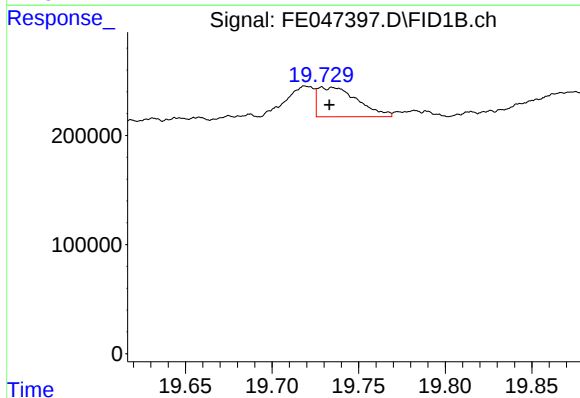
R.T.: 18.125 min
Delta R.T.: 0.006 min
Response: 673687
Conc: 4.85 ug/ml

Instrument :
FID_E
ClientSampleId :



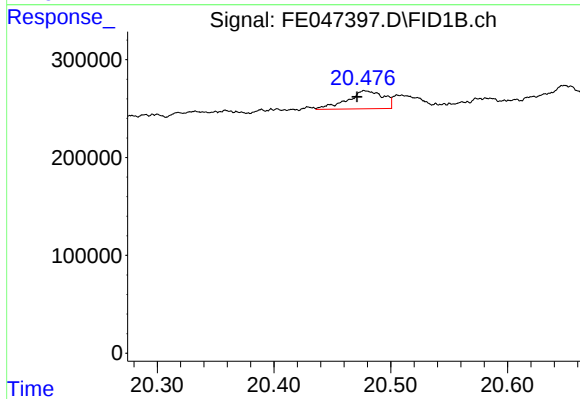
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.009 min
Response: 767824
Conc: 5.57 ug/ml



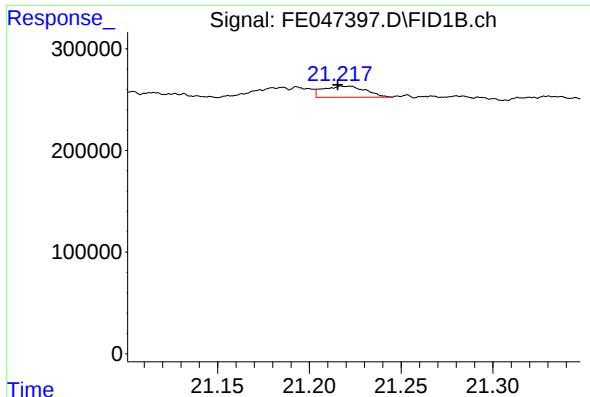
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.005 min
Response: 432611
Conc: 3.16 ug/ml



#20 n-Hexatriacontane (C36)

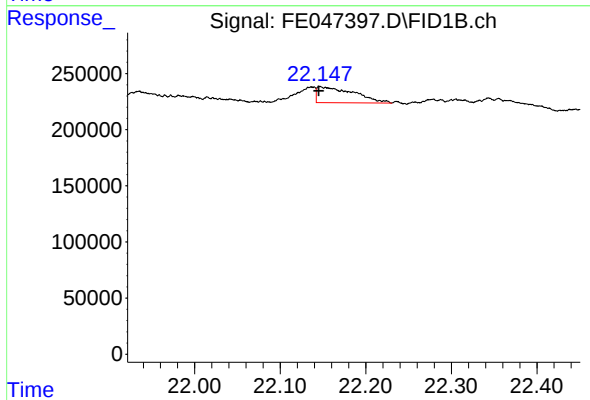
R.T.: 20.478 min
Delta R.T.: 0.007 min
Response: 397965
Conc: 2.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 177508
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.001 min
Response: 421659
Conc: 2.94 ug/ml