

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042219.D
 Signal(s) : FID1B.ch
 Acq On : 25 May 2023 18:56
 Operator : YP\AJ
 Sample : 02920-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 26 03:17:56 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)	11.973	16632694	94.194 ug/ml
Spiked Amount 50.000		Recovery =	188.39%
12) S 1-chlorooctadecane (S...	13.409	8598697	64.711 ug/ml
Spiked Amount 50.000		Recovery =	129.42%
Target Compounds			
6) T n-Tetradecane (C14)	8.597	183249	1.223 ug/ml
7) T n-Hexadecane (C16)	10.218	2600363	16.694 ug/ml
8) T n-Octadecane (C18)	11.630	3355873	21.222 ug/ml
10) T n-Eicosane (C20)	12.959	1407738	9.287 ug/ml
11) T n-Heneicosane (C21)	13.602	416448	2.811 ug/ml
13) T n-Docosane (C22)	14.174	282416	1.926 ug/ml

(f)=RT Delta > 1/2 Window

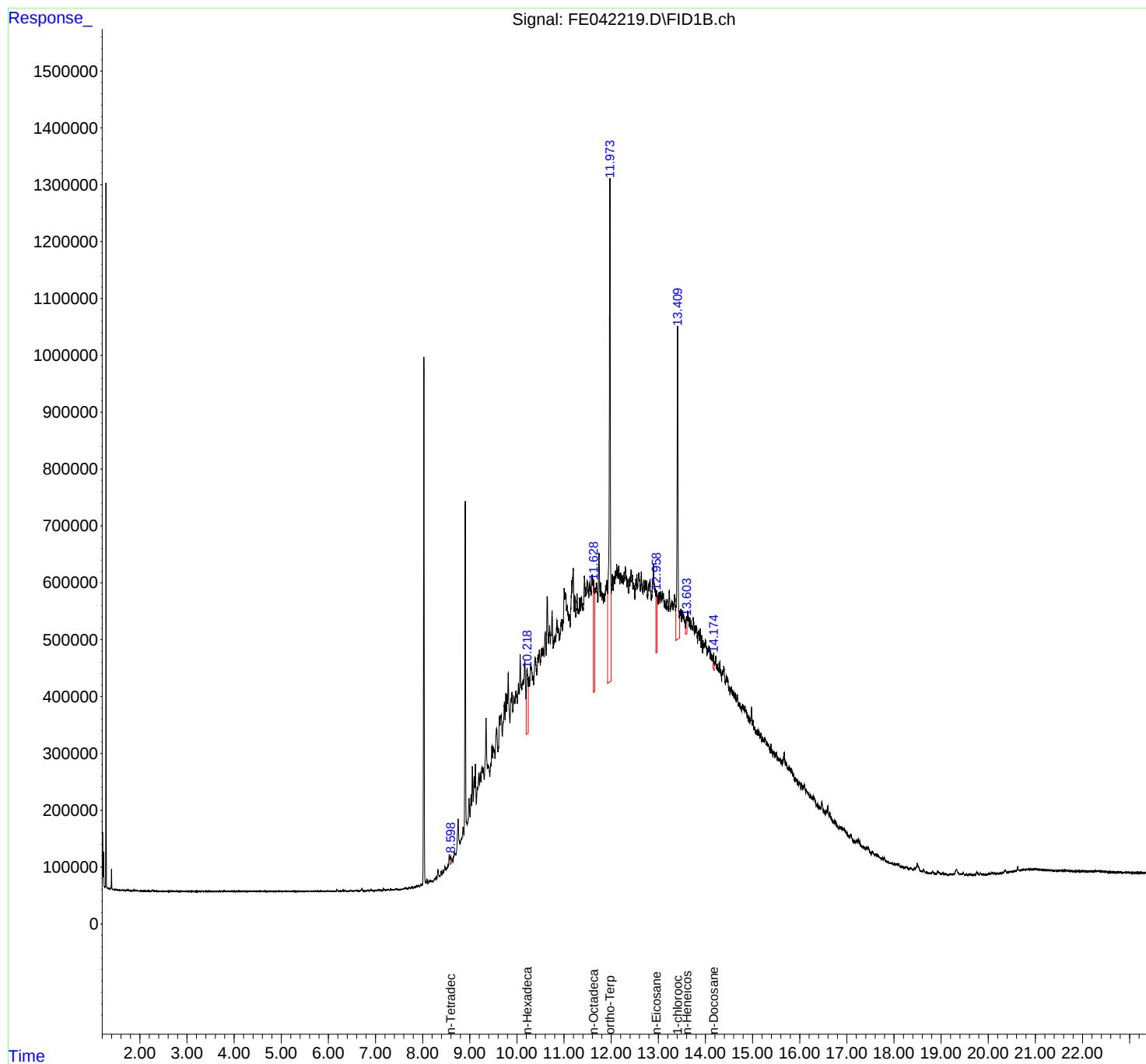
(m)=manual int.

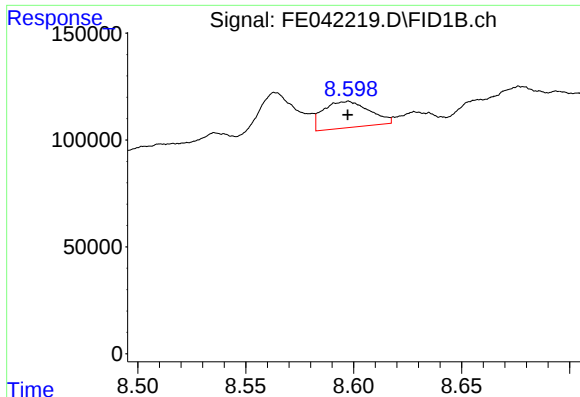
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
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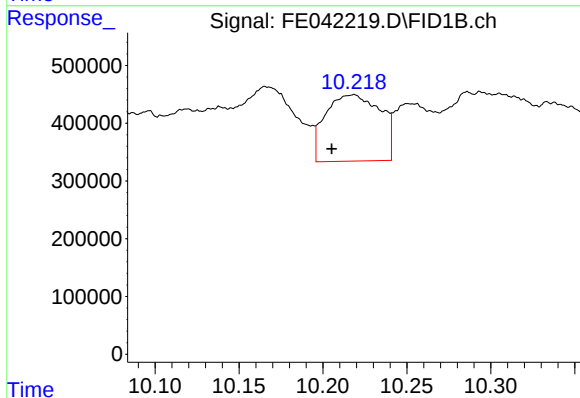




#6 n-Tetradecane (C14)

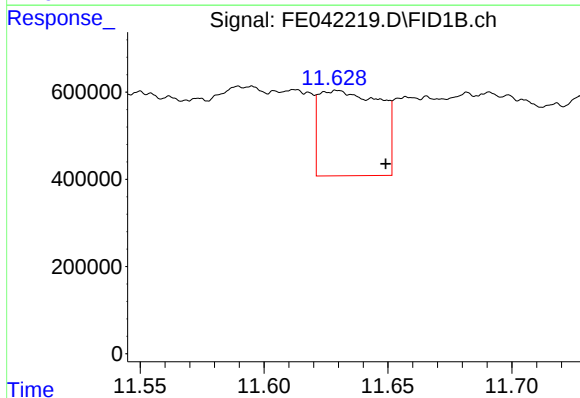
R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 183249
Conc: 1.22 ug/ml

Instrument :
FID_E
ClientSampleId :



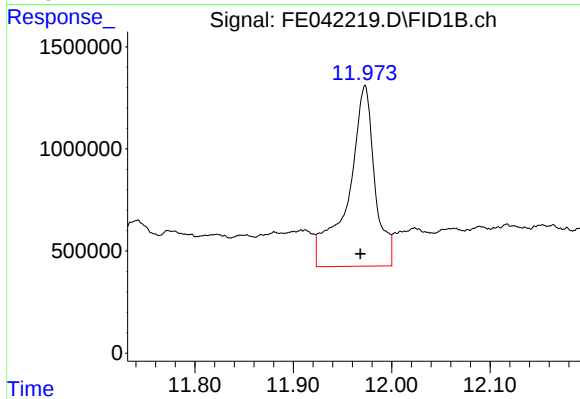
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.013 min
Response: 2600363
Conc: 16.69 ug/ml



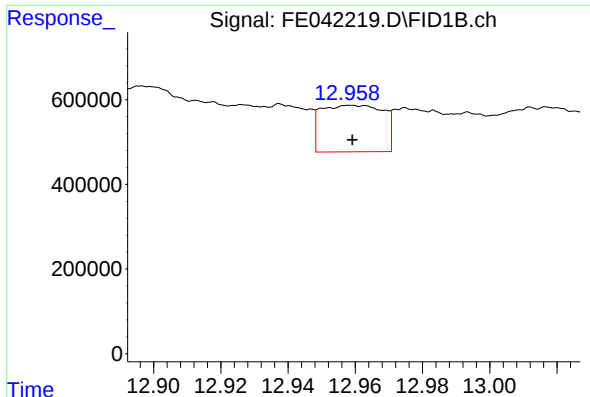
#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.019 min
Response: 3355873
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

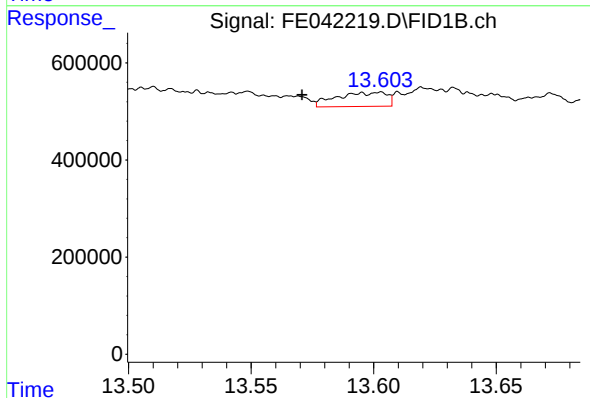
R.T.: 11.973 min
Delta R.T.: 0.005 min
Response: 16632694
Conc: 94.19 ug/ml



#10 n-Eicosane (C20)

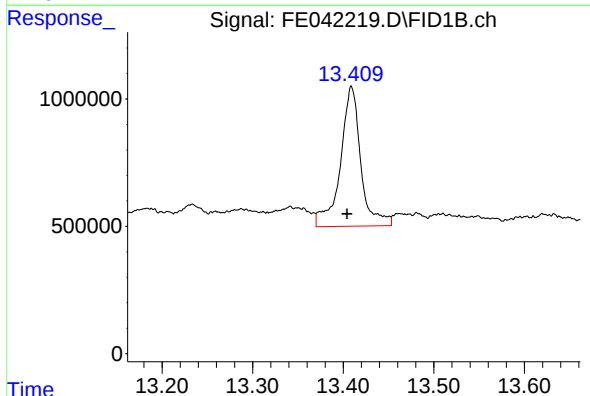
R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 1407738
Conc: 9.29 ug/ml

Instrument :
FID_E
ClientSampleId :



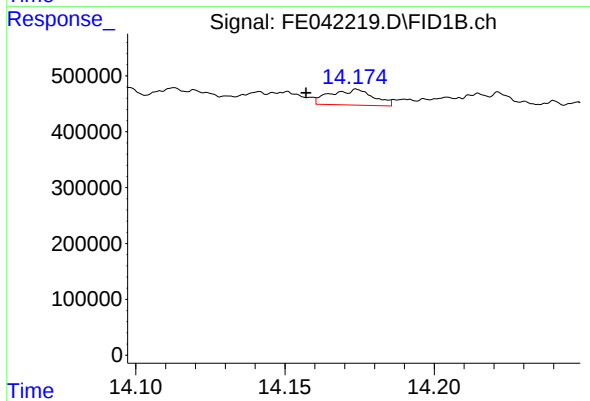
#11 n-Heneicosane (C21)

R.T.: 13.602 min
Delta R.T.: 0.032 min
Response: 416448
Conc: 2.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.005 min
Response: 8598697
Conc: 64.71 ug/ml



#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.017 min
Response: 282416
Conc: 1.93 ug/ml