

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066768.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 21:44
 Operator : YP/AJ
 Sample : P3207-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 02:53:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.538	27170734	157.523 ug/ml
Spiked Amount 50.000		Recovery =	315.05%
12) S 1-chlorooctadecane (S...	12.972	12967773	93.983 ug/ml
Spiked Amount 50.000		Recovery =	187.97%
Target Compounds			
6) T n-Tetradecane (C14)	8.172	131683	0.868 ug/ml
7) T n-Hexadecane (C16)	9.777	5454581	34.051 ug/ml
8) T n-Octadecane (C18)	11.232	19477333	117.386 ug/ml
10) T n-Eicosane (C20)	12.521	5595373	34.419 ug/ml
11) T n-Heneicosane (C21)	13.149	5519506	34.256 ug/ml
13) T n-Docosane (C22)	13.716	2960250	18.464 ug/ml
14) T n-Tetracosane (C24)	14.822	718425	4.527 ug/ml
16) T n-Octacosane (C28)	16.783	65957	0.457 ug/ml
18) T n-Dotriacontane (C32)	18.502	79132	0.600 ug/ml

(f)=RT Delta > 1/2 Window

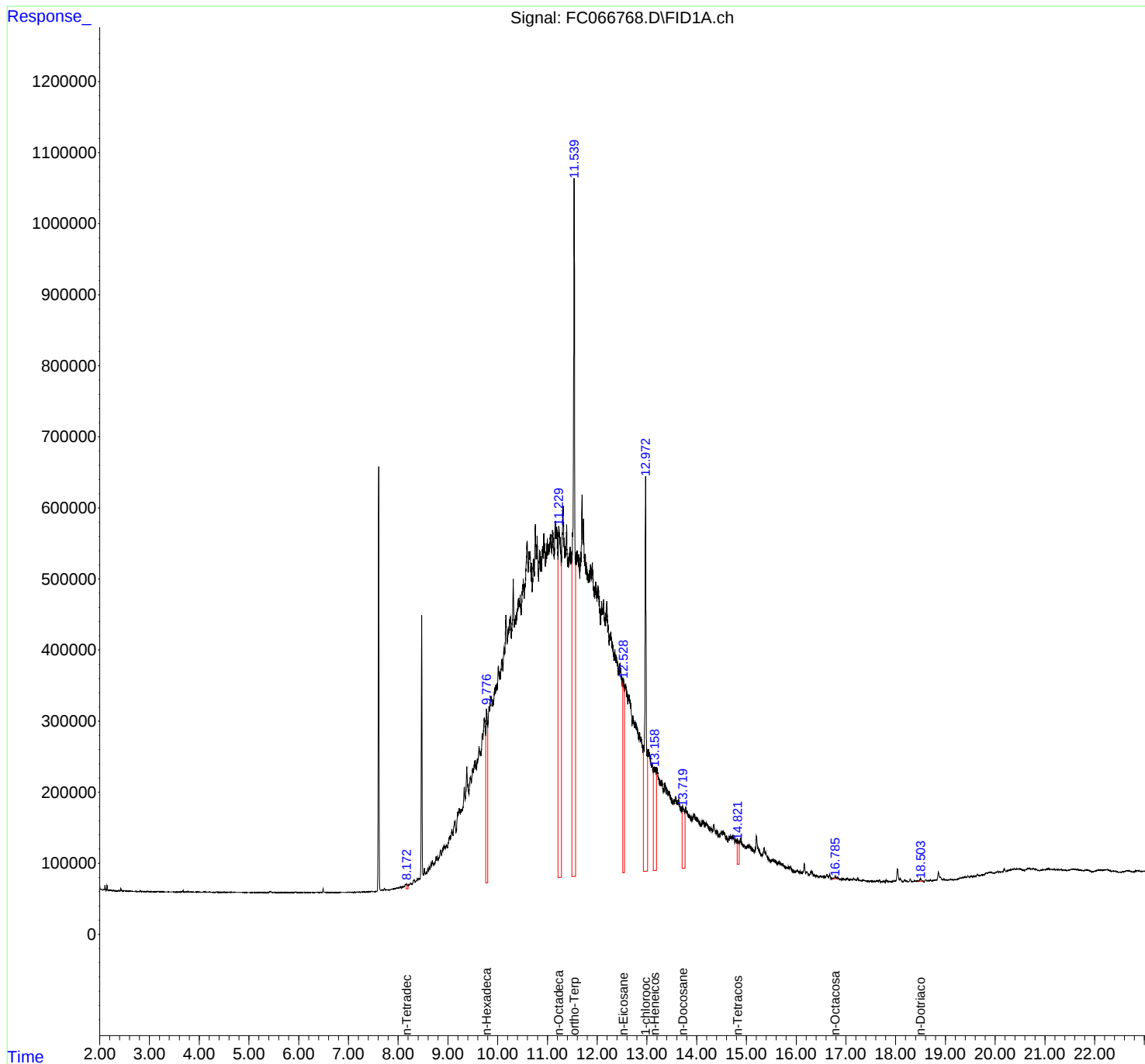
(m)=manual int.

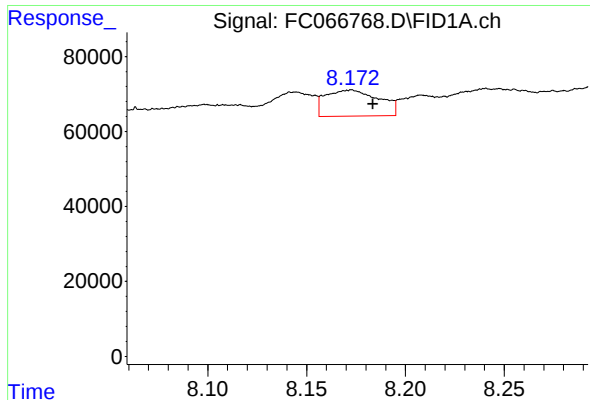
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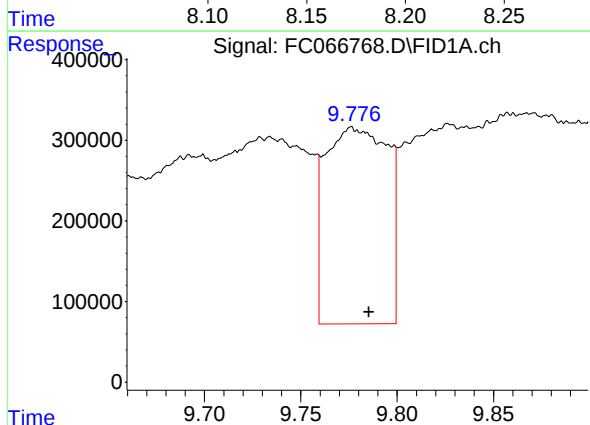




#6 n-Tetradecane (C14)

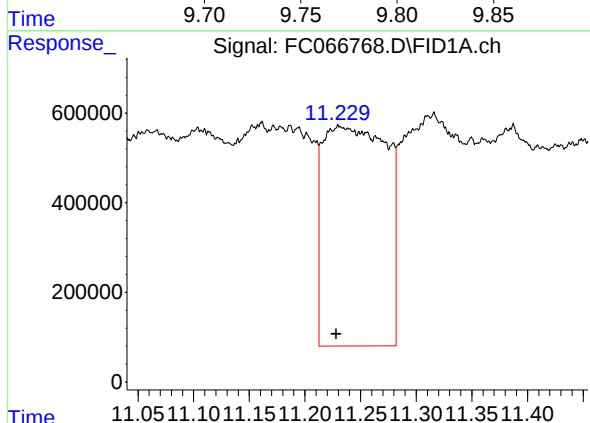
R.T.: 8.172 min
Delta R.T.: -0.012 min
Response: 131683
Conc: 0.87 ug/ml

Instrument :
FID_C
ClientSampleId :



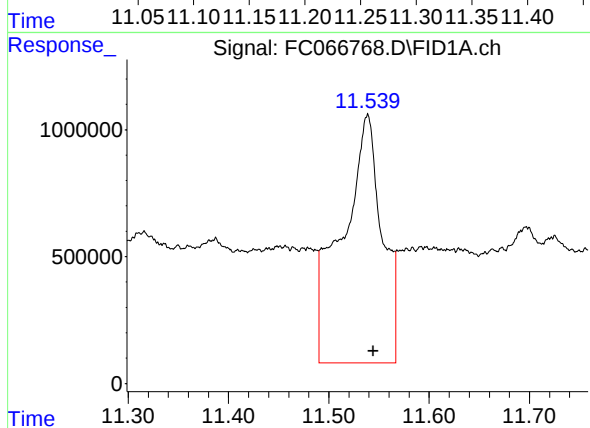
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.008 min
Response: 5454581
Conc: 34.05 ug/ml



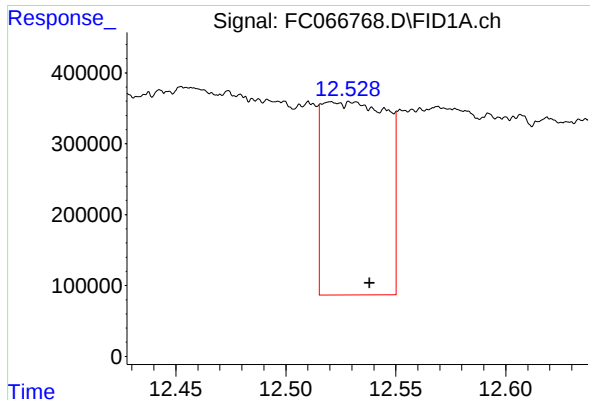
#8 n-Octadecane (C18)

R.T.: 11.232 min
Delta R.T.: 0.003 min
Response: 19477333
Conc: 117.39 ug/ml



#9 ortho-Terphenyl (SURR)

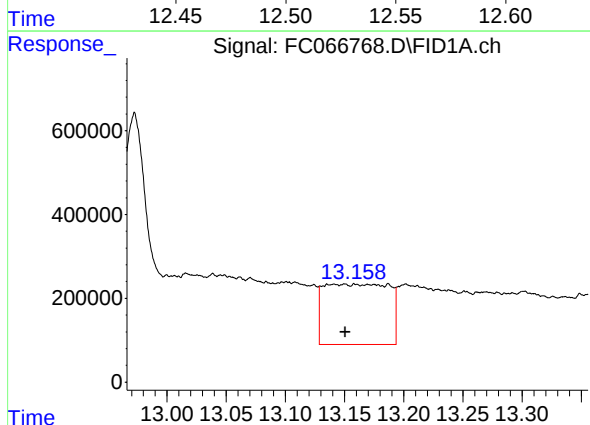
R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 27170734
Conc: 157.52 ug/ml



#10 n-Eicosane (C20)

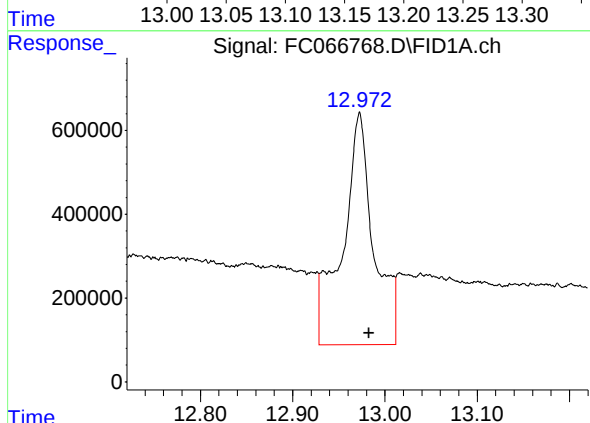
R.T.: 12.521 min
Delta R.T.: -0.018 min
Response: 5595373
Conc: 34.42 ug/ml

Instrument :
FID_C
ClientSampleId :



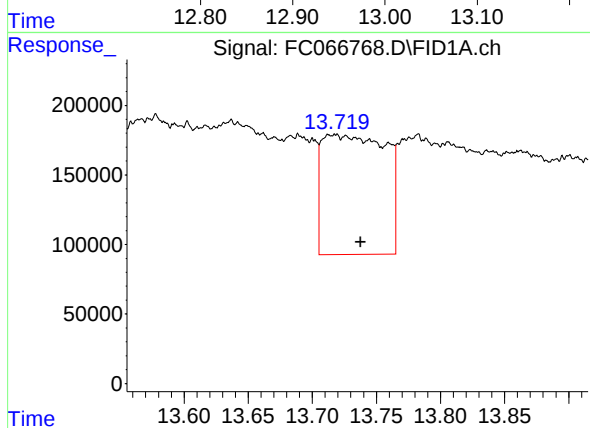
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: -0.002 min
Response: 5519506
Conc: 34.26 ug/ml



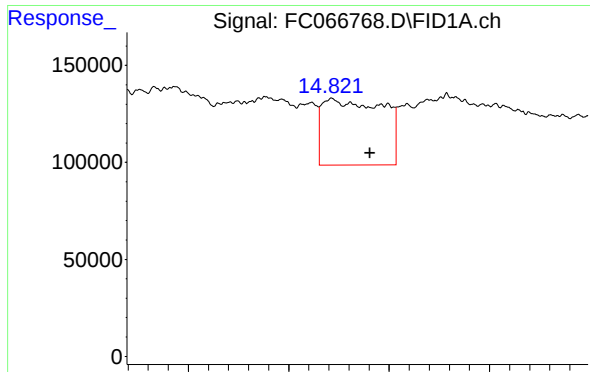
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 12967773
Conc: 93.98 ug/ml



#13 n-Docosane (C22)

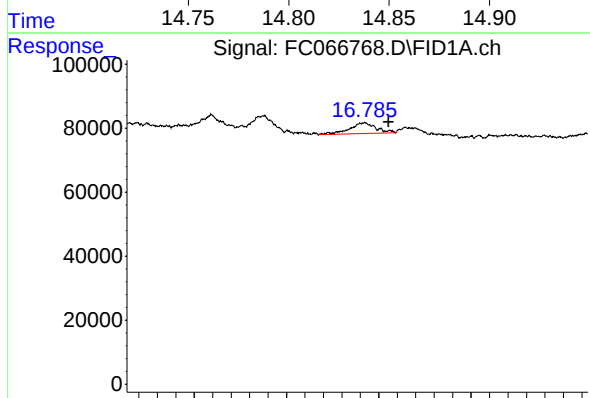
R.T.: 13.716 min
Delta R.T.: -0.022 min
Response: 2960250
Conc: 18.46 ug/ml



#14 n-Tetracosane (C24)

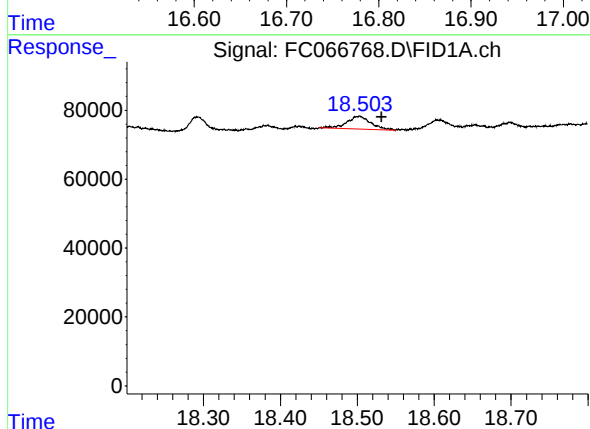
R.T.: 14.822 min
Delta R.T.: -0.019 min
Response: 718425
Conc: 4.53 ug/ml

Instrument :
FID_C
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.027 min
Response: 65957
Conc: 0.46 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.030 min
Response: 79132
Conc: 0.60 ug/ml