

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068219.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 20:57
 Operator : YP/AJ
 Sample : Q1304-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 07 00:35:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.412	5130406	32.831 ug/ml
Spiked Amount 50.000		Recovery =	65.66%
12) S 1-chlorooctadecane (S...	12.858	6456598	56.143 ug/ml
Spiked Amount 50.000		Recovery =	112.29%
Target Compounds			
7) T n-Hexadecane (C16)	9.664	359588	2.588 ug/ml
8) T n-Octadecane (C18)	11.105	562977	4.024 ug/ml
10) T n-Eicosane (C20)	12.446	1246017	9.312 ug/ml
11) T n-Heneicosane (C21)	13.046	7410678	56.424 ug/ml
13) T n-Docosane (C22)	13.632	10686795	82.501 ug/ml
14) T n-Tetracosane (C24)	14.725	14151781	110.228 ug/ml
15) T n-Hexacosane (C26)	15.739	5051040	40.140 ug/ml
16) T n-Octacosane (C28)	16.689	10965659	87.674 ug/ml
18) T n-Dotriacontane (C32)	18.389	867121	6.936 ug/ml
19) T n-Tetratriacontane (C34)	19.203	891296	8.217 ug/ml

(f)=RT Delta > 1/2 Window

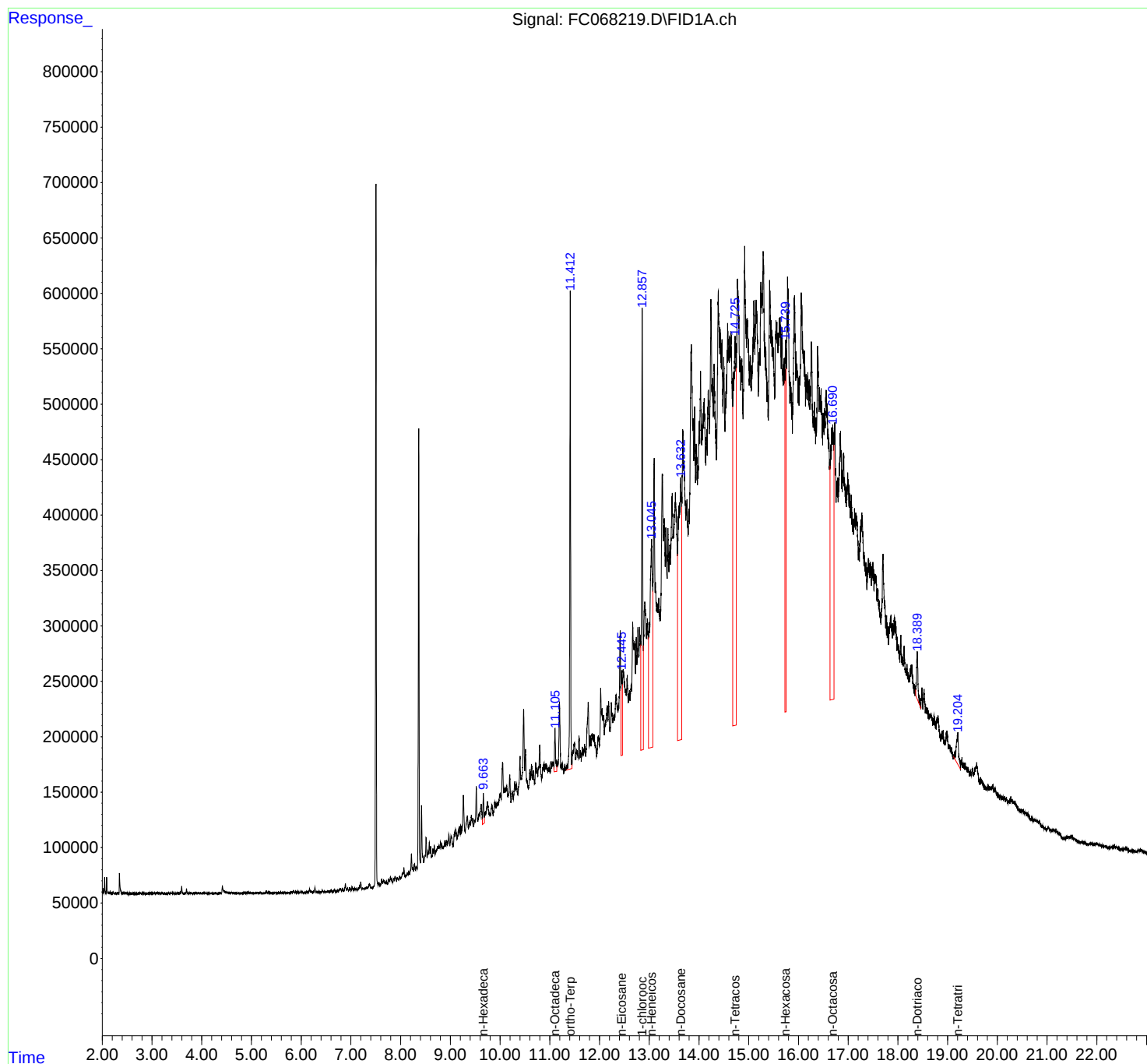
(m)=manual int.

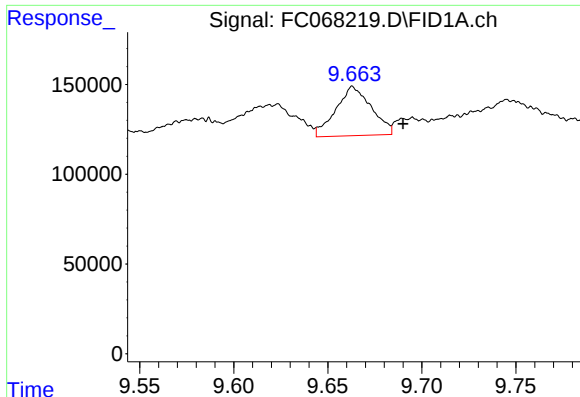
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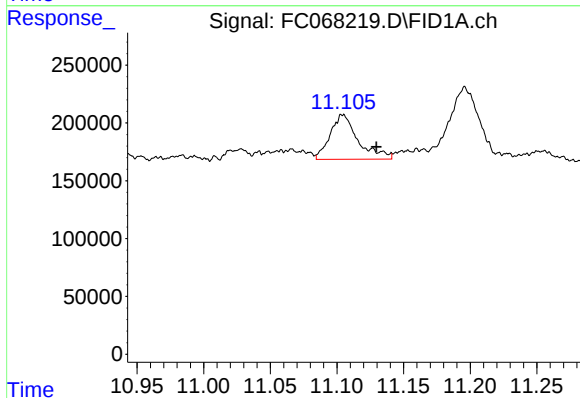




#7 n-Hexadecane (C16)

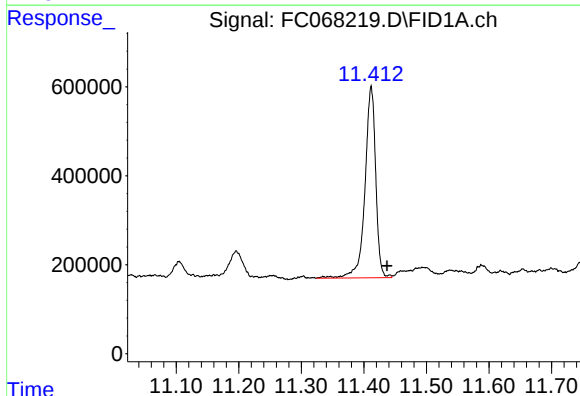
R.T.: 9.664 min
Delta R.T.: -0.026 min
Response: 359588
Conc: 2.59 ug/ml

Instrument :
FID_C
ClientSampleId :



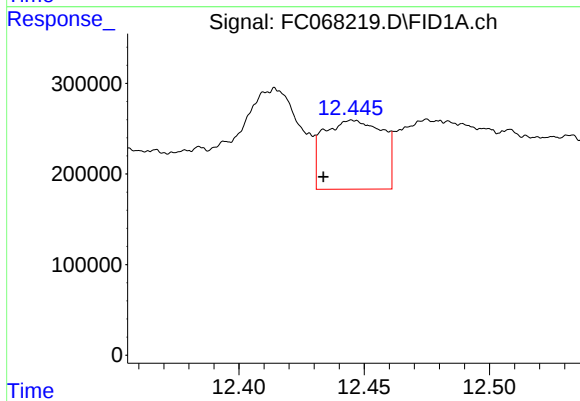
#8 n-Octadecane (C18)

R.T.: 11.105 min
Delta R.T.: -0.025 min
Response: 562977
Conc: 4.02 ug/ml



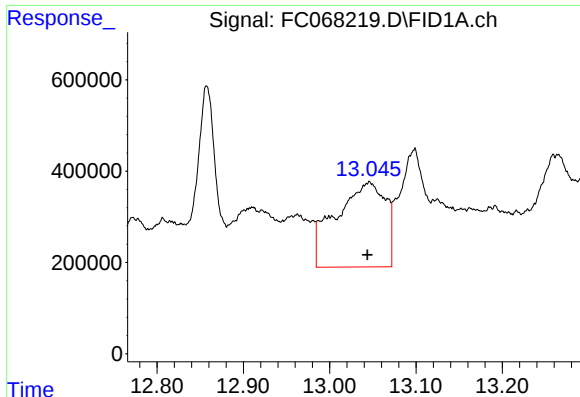
#9 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.025 min
Response: 5130406
Conc: 32.83 ug/ml



#10 n-Eicosane (C20)

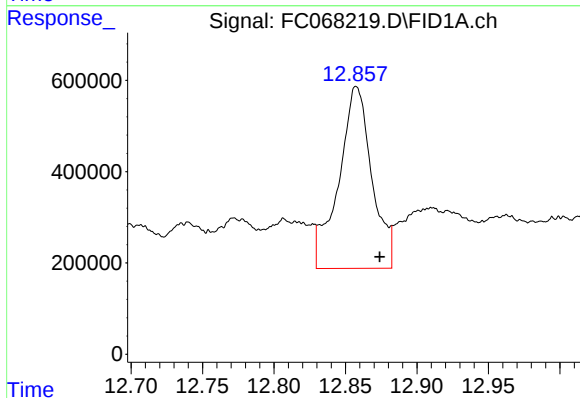
R.T.: 12.446 min
Delta R.T.: 0.012 min
Response: 1246017
Conc: 9.31 ug/ml



#11 n-Heneicosane (C21)

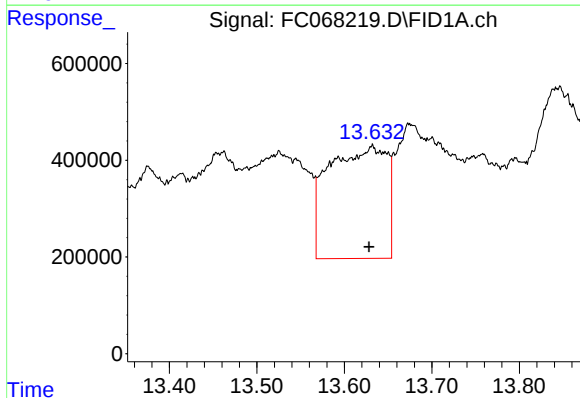
R.T.: 13.046 min
Delta R.T.: 0.002 min
Response: 7410678
Conc: 56.42 ug/ml

Instrument :
FID_C
ClientSampleId :



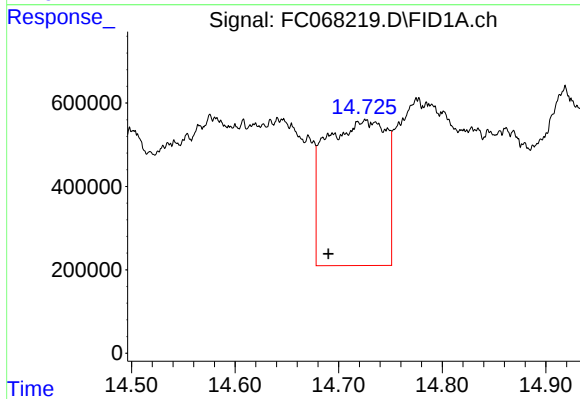
#12 1-chlorooctadecane (SURR)

R.T.: 12.858 min
Delta R.T.: -0.016 min
Response: 6456598
Conc: 56.14 ug/ml



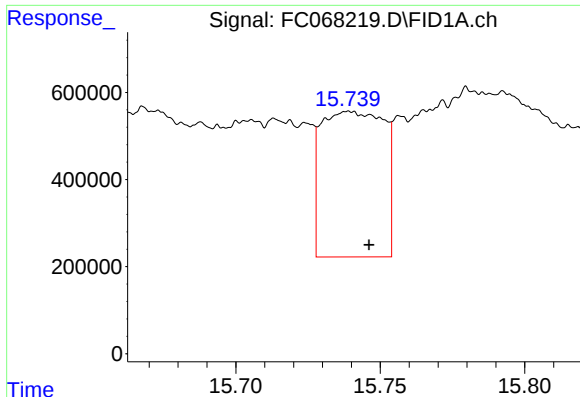
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: 0.004 min
Response: 10686795
Conc: 82.50 ug/ml



#14 n-Tetracosane (C24)

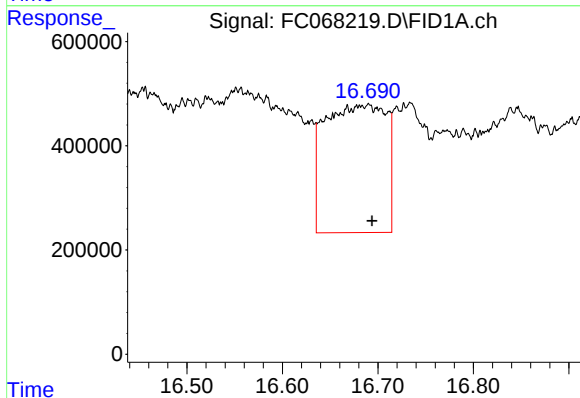
R.T.: 14.725 min
Delta R.T.: 0.035 min
Response: 14151781
Conc: 110.23 ug/ml



#15 n-Hexacosane (C26)

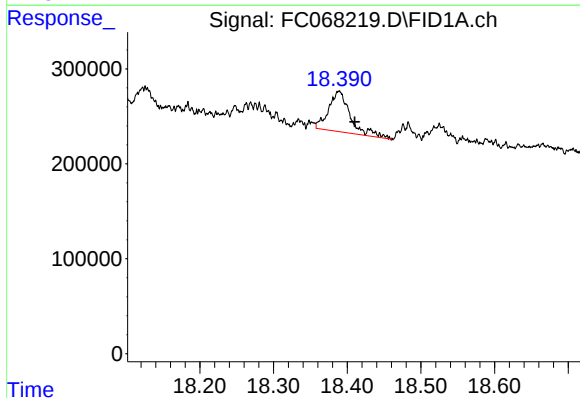
R.T.: 15.739 min
Delta R.T.: -0.007 min
Response: 5051040
Conc: 40.14 ug/ml

Instrument :
FID_C
ClientSampleId :



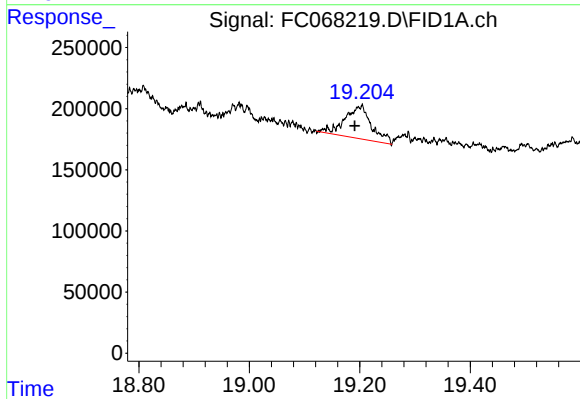
#16 n-Octacosane (C28)

R.T.: 16.689 min
Delta R.T.: -0.005 min
Response: 10965659
Conc: 87.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.389 min
Delta R.T.: -0.022 min
Response: 867121
Conc: 6.94 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.203 min
Delta R.T.: 0.011 min
Response: 891296
Conc: 8.22 ug/ml