

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072123AL\
 Data File : FC064204.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 10:51
 Operator : YP/AJ
 Sample : 03685-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 01:55:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.538	58124474	299.359 ug/ml
Spiked Amount 50.000		Recovery =	598.72%
12) S 1-chlorooctadecane (S...	12.973	33760984	242.657 ug/ml
Spiked Amount 50.000		Recovery =	485.31%
Target Compounds			
6) T n-Tetradecane (C14)	8.174	233683	1.351 ug/ml
7) T n-Hexadecane (C16)	9.774	6789614	39.086 ug/ml
8) T n-Octadecane (C18)	11.186	29470479	170.996 ug/ml
10) T n-Eicosane (C20)	12.532	3707687	22.712 ug/ml
11) T n-Heneicosane (C21)	13.148	8730354	54.489 ug/ml
13) T n-Docosane (C22)	13.711	4937435	31.421 ug/ml
14) T n-Tetracosane (C24)	14.794	1775448	11.264 ug/ml
16) T n-Octacosane (C28)	16.788	260426	1.728 ug/ml
18) T n-Dotriacontane (C32)	18.472	214231	1.356 ug/ml
19) T n-Tetratriacontane (C34)	19.318	252067	1.638 ug/ml

(f)=RT Delta > 1/2 Window

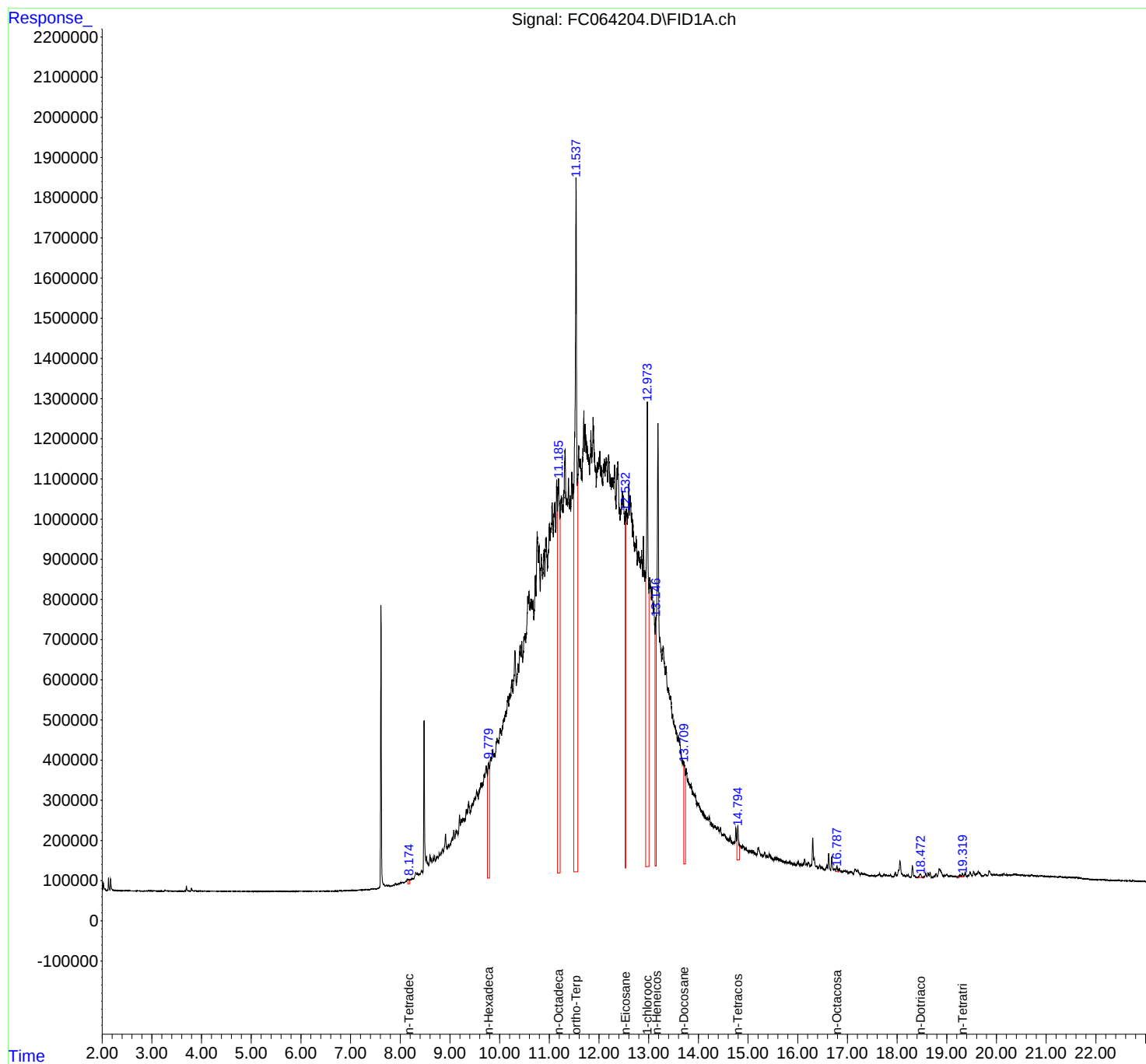
(m)=manual int.

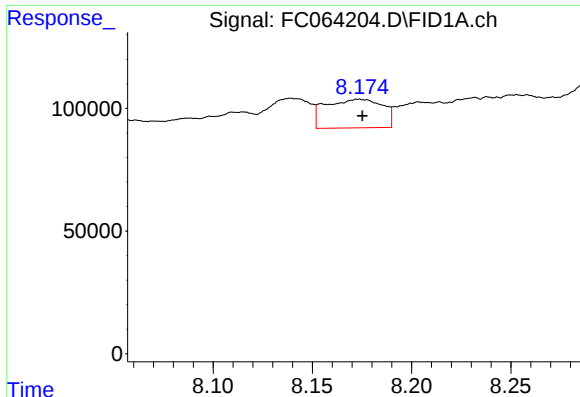
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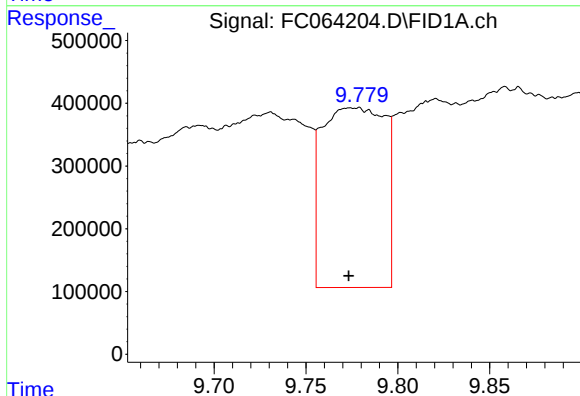




#6 n-Tetradecane (C14)

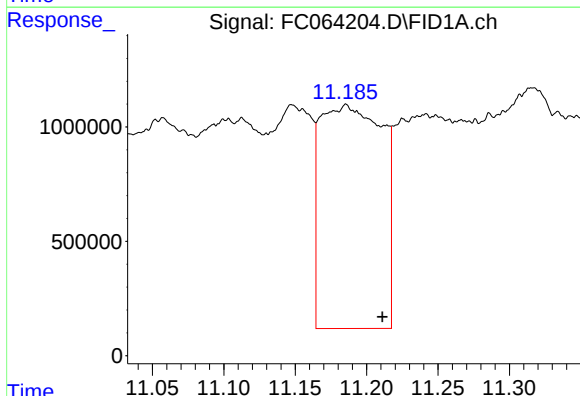
R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 233683
Conc: 1.35 ug/ml

Instrument :
FID_C
ClientSampleId :



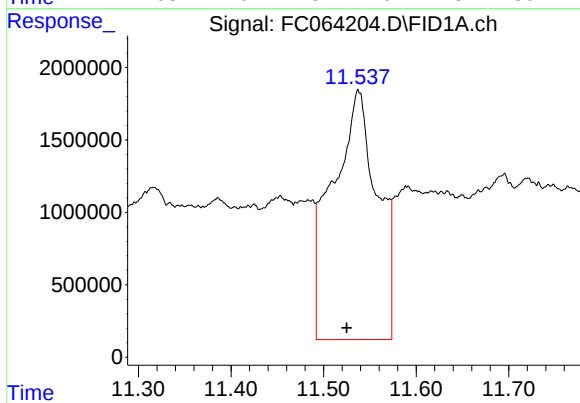
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.000 min
Response: 6789614
Conc: 39.09 ug/ml



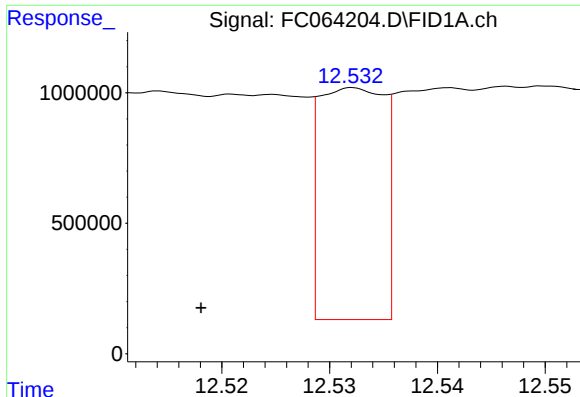
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: -0.025 min
Response: 29470479
Conc: 171.00 ug/ml



#9 ortho-Terphenyl (SURR)

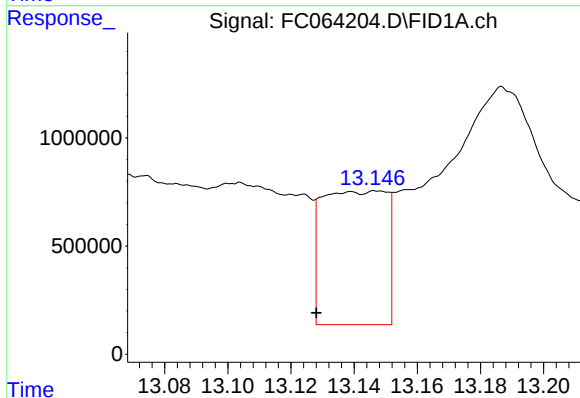
R.T.: 11.538 min
Delta R.T.: 0.013 min
Response: 58124474
Conc: 299.36 ug/ml



#10 n-Eicosane (C20)

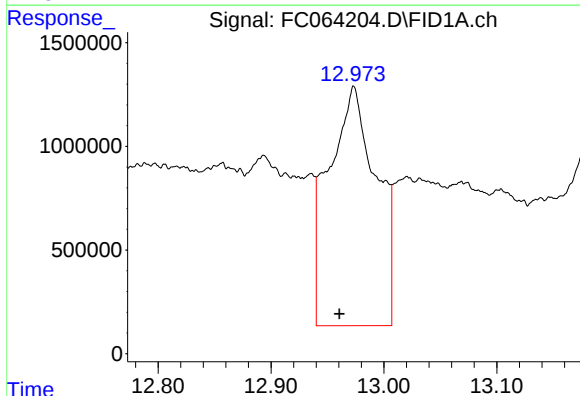
R.T.: 12.532 min
Delta R.T.: 0.014 min
Response: 3707687
Conc: 22.71 ug/ml

Instrument :
FID_C
ClientSampleId :



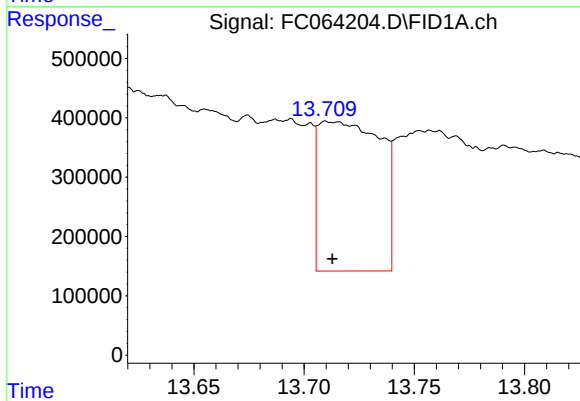
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: 0.020 min
Response: 8730354
Conc: 54.49 ug/ml



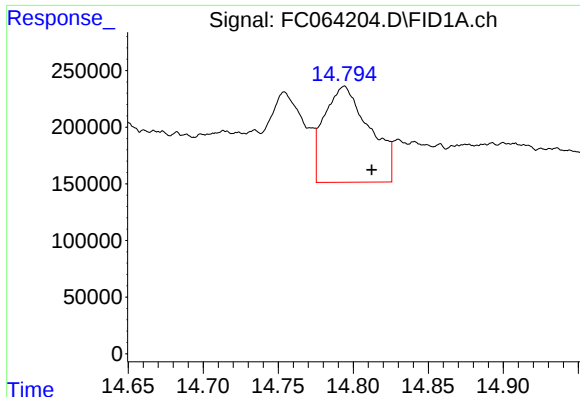
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: 0.013 min
Response: 33760984
Conc: 242.66 ug/ml



#13 n-Docosane (C22)

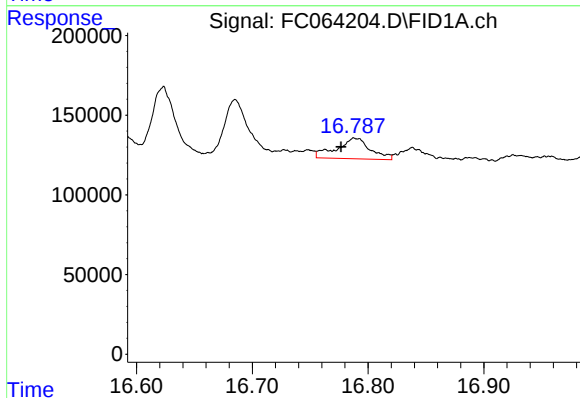
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 4937435
Conc: 31.42 ug/ml



#14 n-Tetracosane (C24)

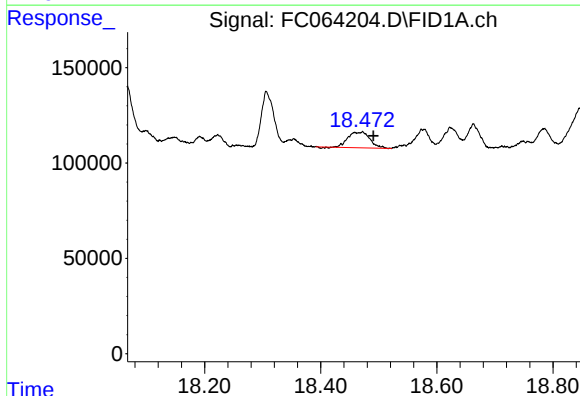
R.T.: 14.794 min
Delta R.T.: -0.018 min
Response: 1775448
Conc: 11.26 ug/ml

Instrument :
FID_C
ClientSampleId :



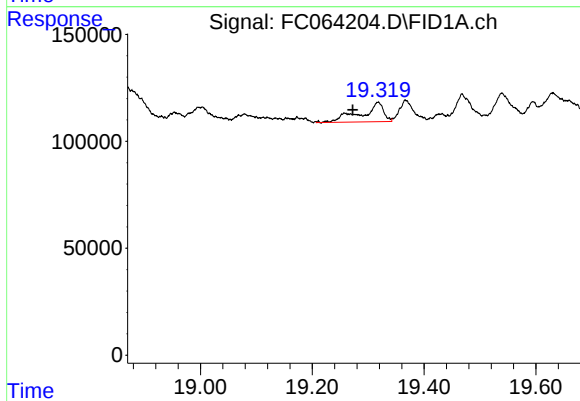
#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.011 min
Response: 260426
Conc: 1.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.019 min
Response: 214231
Conc: 1.36 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.045 min
Response: 252067
Conc: 1.64 ug/ml