

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070124AL\
 Data File : FC066707.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2024 17:56
 Operator : YP/AJ
 Sample : P3129-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 02 03:12:46 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)	11.547	44398993	257.405 ug/ml
Spiked Amount 50.000		Recovery =	514.81%
12) S 1-chlorooctadecane (S...	12.993	19668342	142.545 ug/ml
Spiked Amount 50.000		Recovery =	285.09%
Target Compounds			
6) T n-Tetradecane (C14)	8.174	560319	3.694 ug/ml
7) T n-Hexadecane (C16)	9.785	6277096	39.186 ug/ml
8) T n-Octadecane (C18)	11.237	19772489	119.165 ug/ml
10) T n-Eicosane (C20)	12.548	14908407	91.707 ug/ml
11) T n-Heneicosane (C21)	13.182	22976439	142.601 ug/ml
13) T n-Docosane (C22)	13.749	10211761	63.695 ug/ml
14) T n-Tetracosane (C24)	14.851	7924736	49.933 ug/ml
15) T n-Hexacosane (C26)	15.866	8573277	56.147 ug/ml
16) T n-Octacosane (C28)	16.811	8439163	58.505 ug/ml
17) T n-Tricontane (C30)	17.666	6761813	48.398 ug/ml
18) T n-Dotriacontane (C32)	18.529	3958183	29.992 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1706112	13.795 ug/ml
20) T n-Hexatriacontane (C36)	20.010	171469	1.423 ug/ml
21) T n-Octatriacontane (C38)	20.858f	87587	0.766 ug/ml

(f)=RT Delta > 1/2 Window

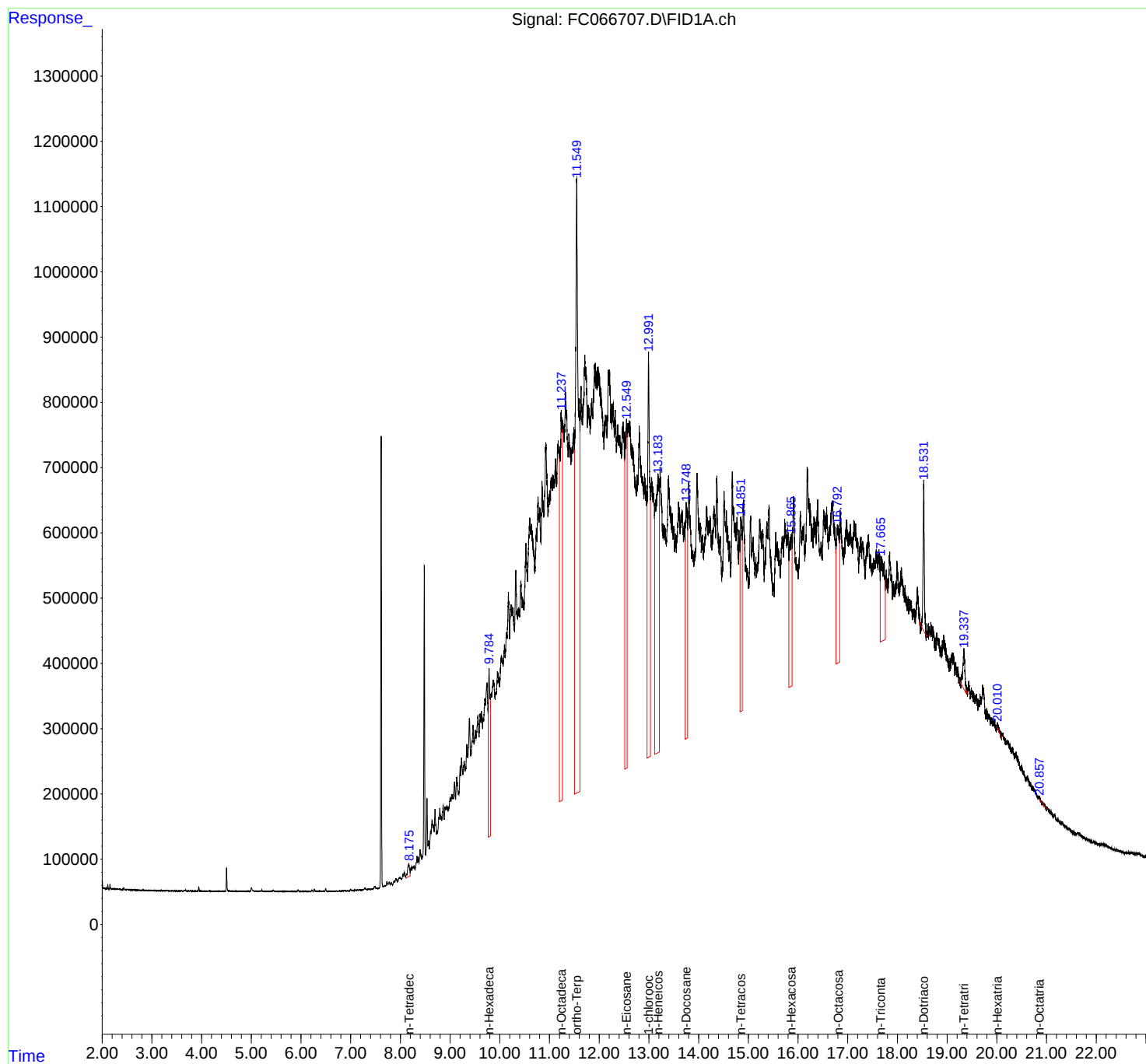
(m)=manual int.

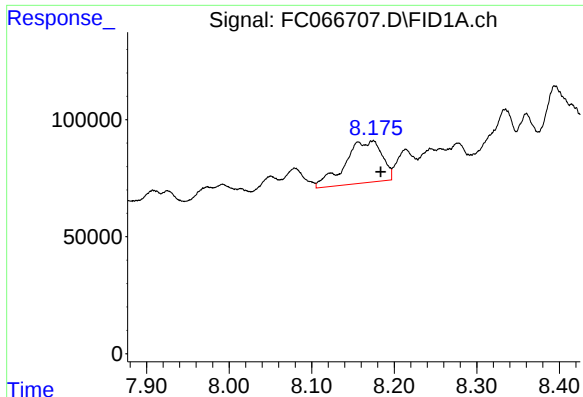
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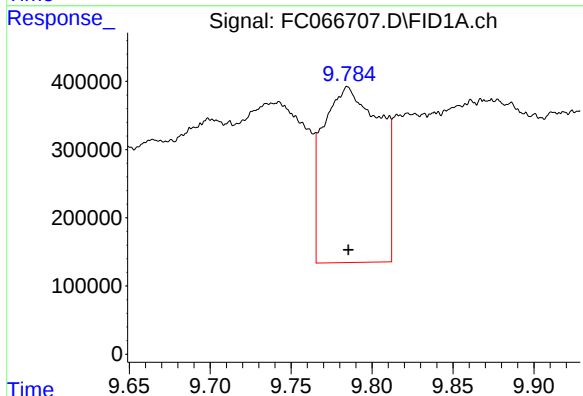




#6 n-Tetradecane (C14)

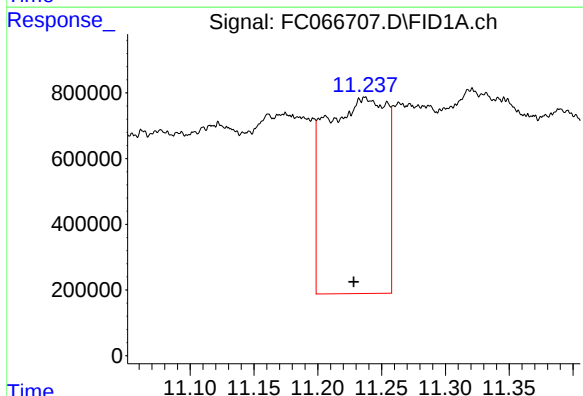
R.T.: 8.174 min
Delta R.T.: -0.010 min
Response: 560319
Conc: 3.69 ug/ml

Instrument :
FID_C
ClientSampleId :



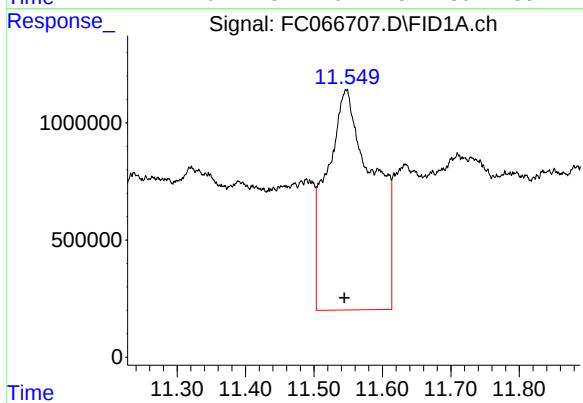
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 6277096
Conc: 39.19 ug/ml



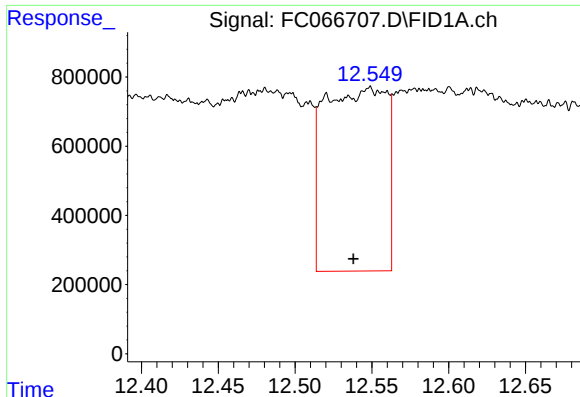
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: 0.009 min
Response: 19772489
Conc: 119.17 ug/ml



#9 ortho-Terphenyl (SURR)

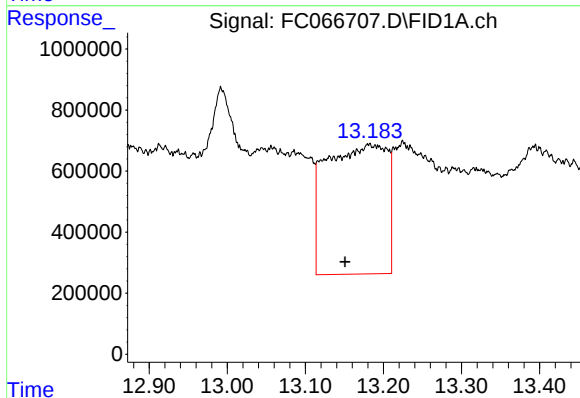
R.T.: 11.547 min
Delta R.T.: 0.003 min
Response: 44398993
Conc: 257.40 ug/ml



#10 n-Eicosane (C20)

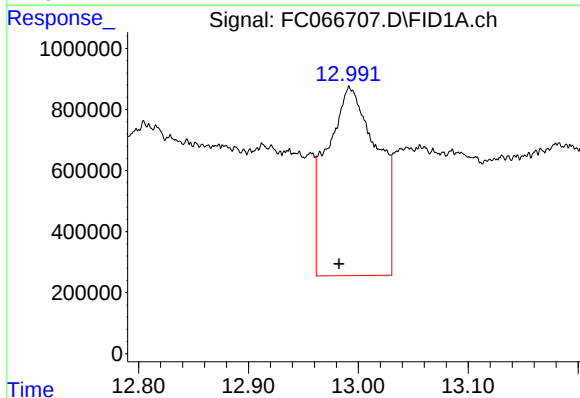
R.T.: 12.548 min
Delta R.T.: 0.010 min
Response: 14908407
Conc: 91.71 ug/ml

Instrument :
FID_C
ClientSampleId :



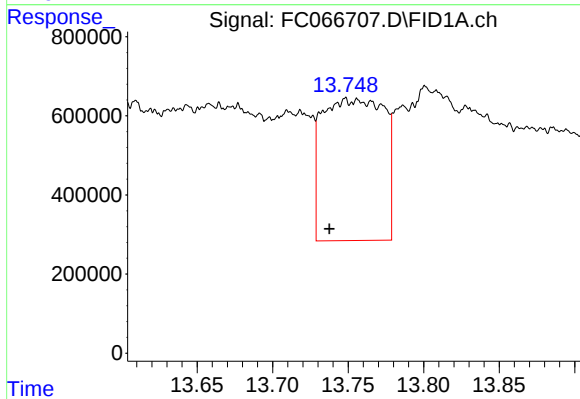
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: 0.031 min
Response: 22976439
Conc: 142.60 ug/ml



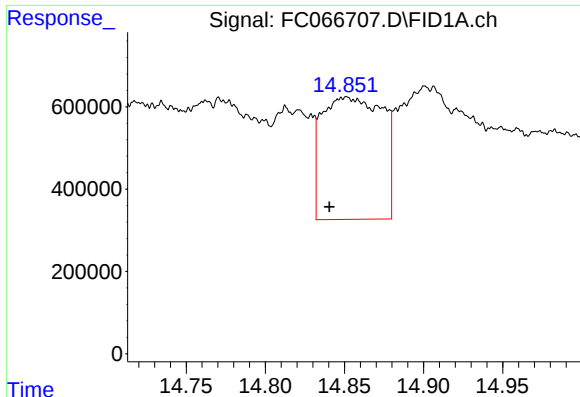
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: 0.010 min
Response: 19668342
Conc: 142.54 ug/ml



#13 n-Docosane (C22)

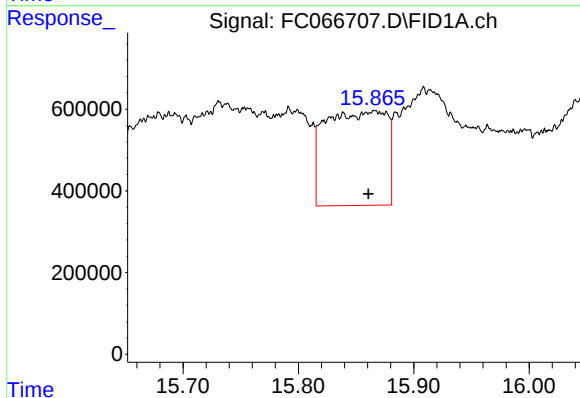
R.T.: 13.749 min
Delta R.T.: 0.011 min
Response: 10211761
Conc: 63.70 ug/ml



#14 n-Tetracosane (C24)

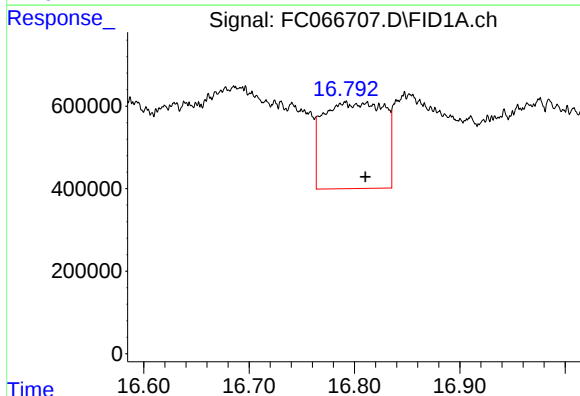
R.T.: 14.851 min
Delta R.T.: 0.010 min
Response: 7924736
Conc: 49.93 ug/ml

Instrument :
FID_C
ClientSampleId :



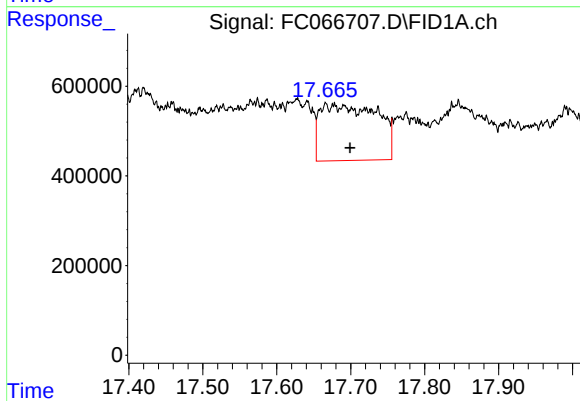
#15 n-Hexacosane (C26)

R.T.: 15.866 min
Delta R.T.: 0.006 min
Response: 8573277
Conc: 56.15 ug/ml



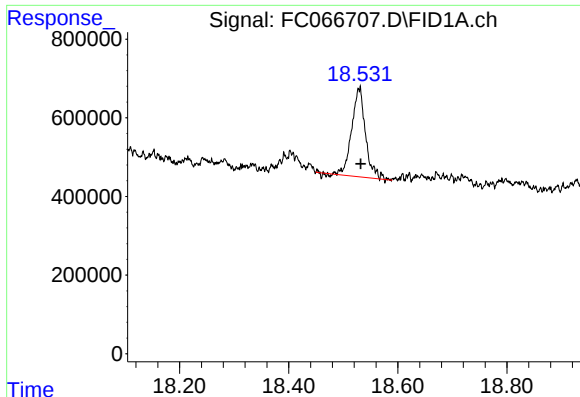
#16 n-Octacosane (C28)

R.T.: 16.811 min
Delta R.T.: 0.000 min
Response: 8439163
Conc: 58.50 ug/ml



#17 n-Tricontane (C30)

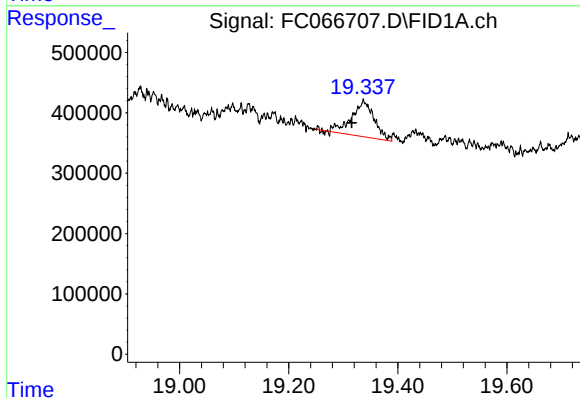
R.T.: 17.666 min
Delta R.T.: -0.033 min
Response: 6761813
Conc: 48.40 ug/ml



#18 n-Dotriacontane (C32)

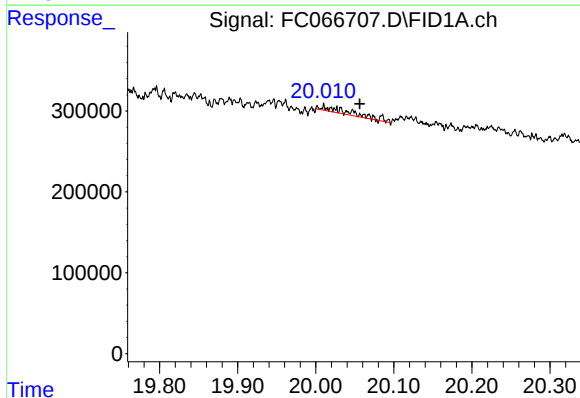
R.T.: 18.529 min
Delta R.T.: -0.003 min
Response: 3958183
Conc: 29.99 ug/ml

Instrument :
FID_C
ClientSampleId :



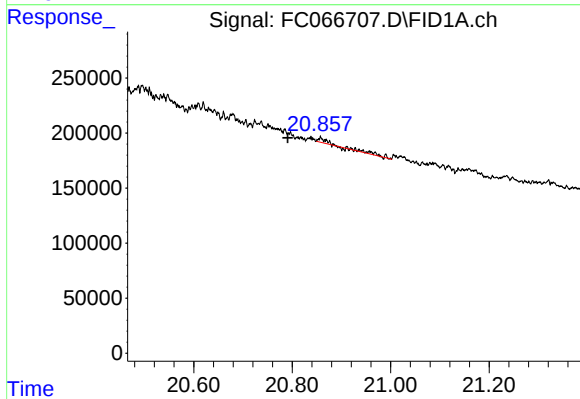
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.022 min
Response: 1706112
Conc: 13.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: -0.046 min
Response: 171469
Conc: 1.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: 0.067 min
Response: 87587
Conc: 0.77 ug/ml