

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050224AL\
 Data File : FC066294.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2024 21:39
 Operator : YP/AJ
 Sample : P2327-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 02:27:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.549	504607	3.052 ug/ml
Spiked Amount 50.000		Recovery =	6.10%
12) S 1-chlorooctadecane (S...	13.005	3479475	28.367 ug/ml
Spiked Amount 50.000		Recovery =	56.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.204	361739	2.390 ug/ml
7) T n-Hexadecane (C16)	9.807	646701	4.229 ug/ml
8) T n-Octadecane (C18)	11.251	195291	1.287 ug/ml
10) T n-Eicosane (C20)	12.561	691039	4.804 ug/ml
11) T n-Heneicosane (C21)	13.175	275276	1.958 ug/ml
13) T n-Docosane (C22)	13.755	527636	3.769 ug/ml
14) T n-Tetracosane (C24)	14.859	99280	0.705 ug/ml
18) T n-Dotriacontane (C32)	18.575	109503	0.850 ug/ml
20) T n-Hexatriacontane (C36)	20.127	376358	3.274 ug/ml
22) T n-Tetracontane (C40)	21.791	430364	4.013 ug/ml

(f)=RT Delta > 1/2 Window

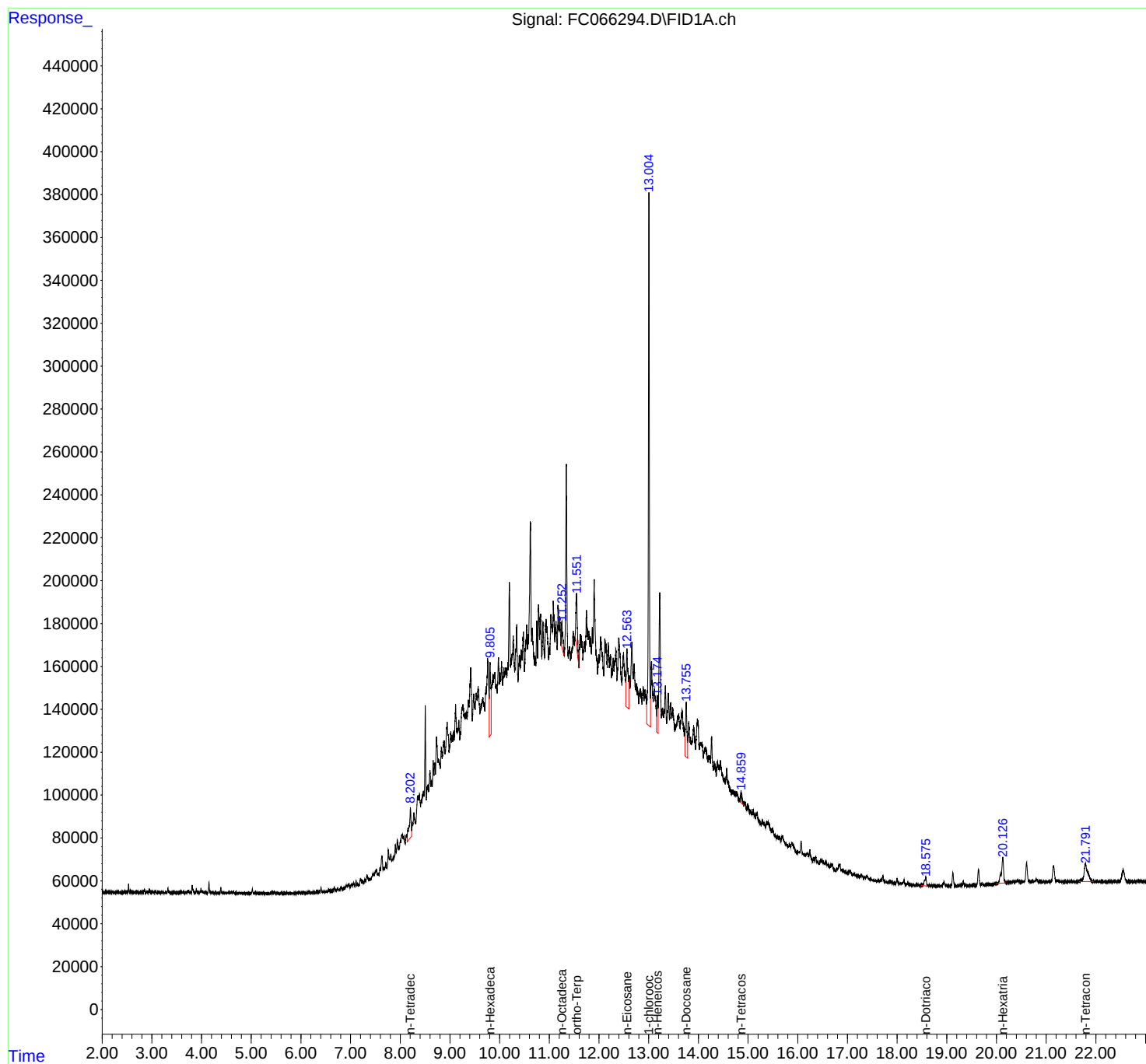
(m)=manual int.

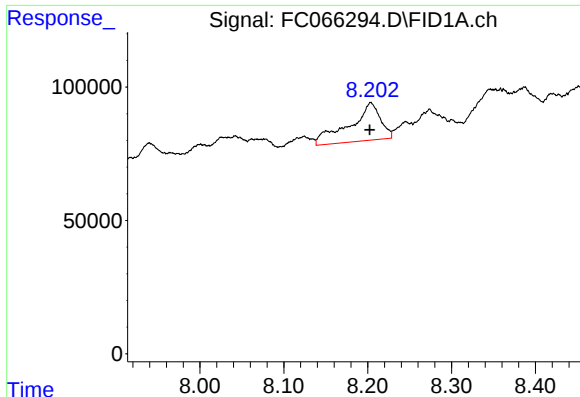
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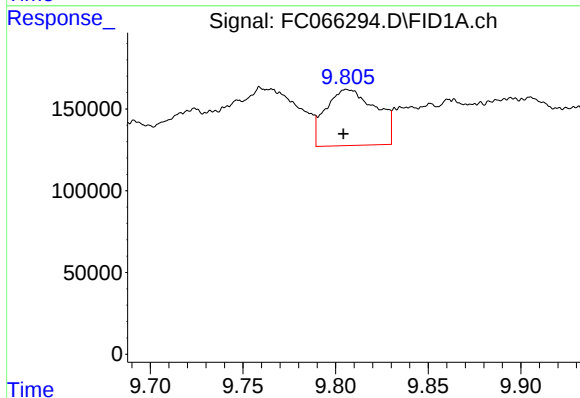




#6 n-Tetradecane (C14)

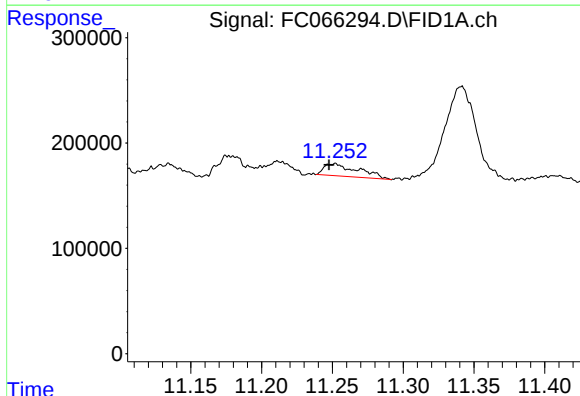
R.T.: 8.204 min
Delta R.T.: 0.001 min
Response: 361739
Conc: 2.39 ug/ml

Instrument :
FID_C
ClientSampleId :



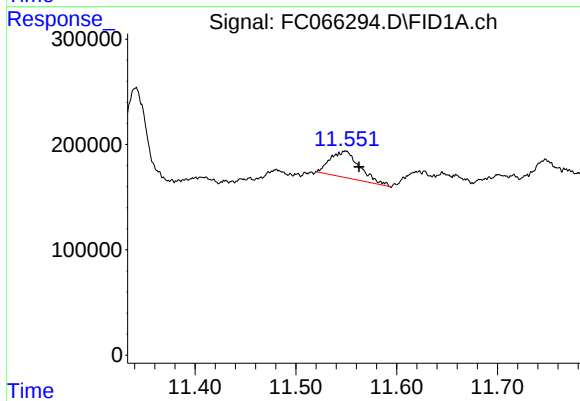
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: 0.002 min
Response: 646701
Conc: 4.23 ug/ml



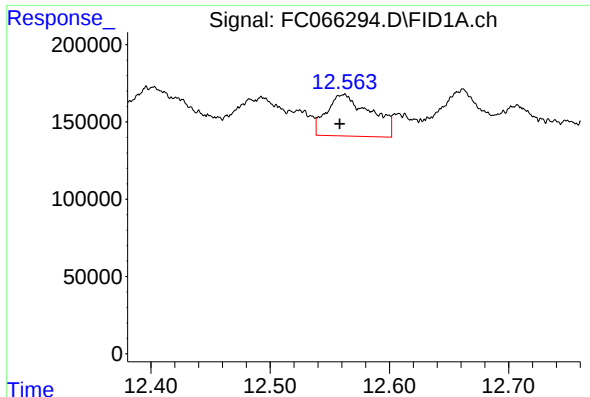
#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 195291
Conc: 1.29 ug/ml



#9 ortho-Terphenyl (SURR)

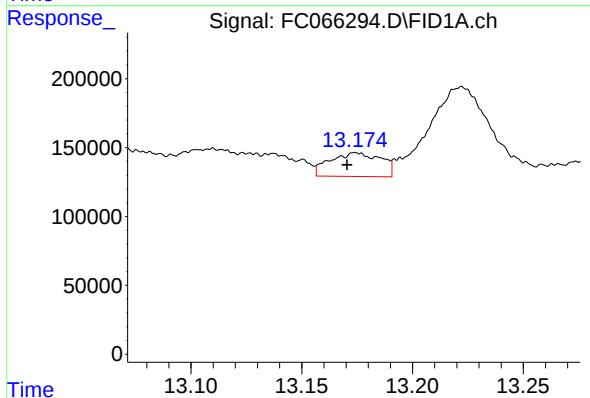
R.T.: 11.549 min
Delta R.T.: -0.014 min
Response: 504607
Conc: 3.05 ug/ml



#10 n-Eicosane (C20)

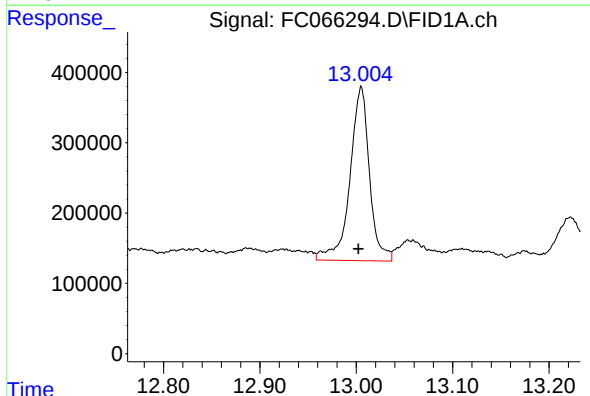
R.T.: 12.561 min
Delta R.T.: 0.003 min
Response: 691039
Conc: 4.80 ug/ml

Instrument :
FID_C
ClientSampleId :



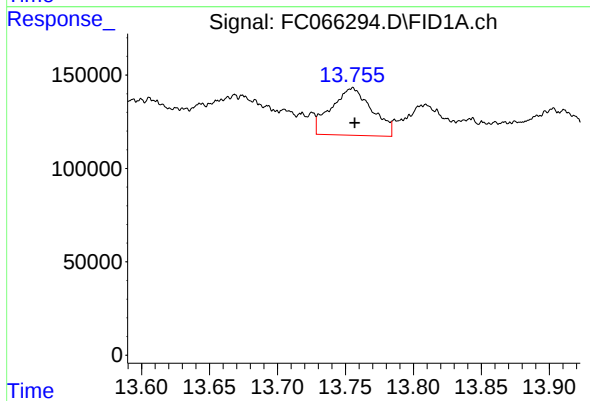
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: 0.004 min
Response: 275276
Conc: 1.96 ug/ml



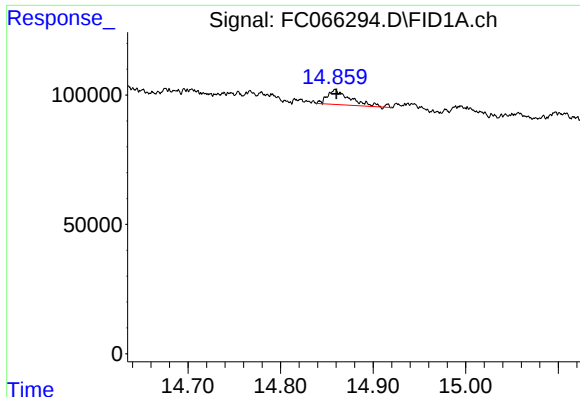
#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: 0.003 min
Response: 3479475
Conc: 28.37 ug/ml



#13 n-Docosane (C22)

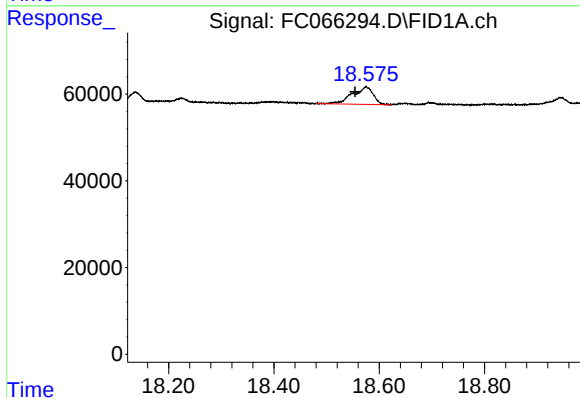
R.T.: 13.755 min
Delta R.T.: -0.002 min
Response: 527636
Conc: 3.77 ug/ml



#14 n-Tetracosane (C24)

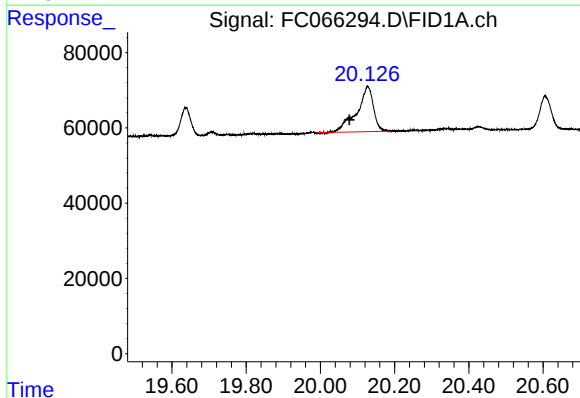
R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 99280
Conc: 0.71 ug/ml

Instrument :
FID_C
ClientSampleId :



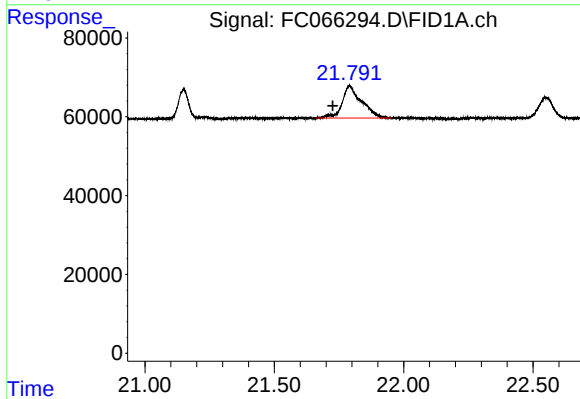
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: 0.021 min
Response: 109503
Conc: 0.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: 0.050 min
Response: 376358
Conc: 3.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: 0.066 min
Response: 430364
Conc: 4.01 ug/ml