

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048351.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2024 14:22
 Operator : YP\AJ
 Sample : P2560-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 24 01:32:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.942	5523970	38.290 ug/ml
Spiked Amount 50.000		Recovery =	76.58%
12) S 1-chlorooctadecane (S...	13.395	5618057	50.277 ug/ml
Spiked Amount 50.000		Recovery =	100.55%
Target Compounds			
4) T n-Dodecane (C12)	6.756	80419	0.603 ug/ml
6) T n-Tetradecane (C14)	8.586	111706	0.843 ug/ml
7) T n-Hexadecane (C16)	10.200	973439	7.078 ug/ml
8) T n-Octadecane (C18)	11.639	2246358	16.126 ug/ml
10) T n-Eicosane (C20)	12.946	1761950	13.086 ug/ml
11) T n-Heneicosane (C21)	13.562	606488	4.582 ug/ml
13) T n-Docosane (C22)	14.142	121588	0.918 ug/ml
14) T n-Tetracosane (C24)	15.242	53856	0.404 ug/ml
16) T n-Octacosane (C28)	17.212	46102	0.346 ug/ml
17) T n-Tricontane (C30)	18.097	68034	0.493 ug/ml
18) T n-Dotriacontane (C32)	18.930	61424	0.445 ug/ml
19) T n-Tetratriacontane (C34)	19.713	46547	0.342 ug/ml
20) T n-Hexatriacontane (C36)	20.453	172324	1.273 ug/ml
21) T n-Octatriacontane (C38)	21.187	50591	0.366 ug/ml

(f)=RT Delta > 1/2 Window

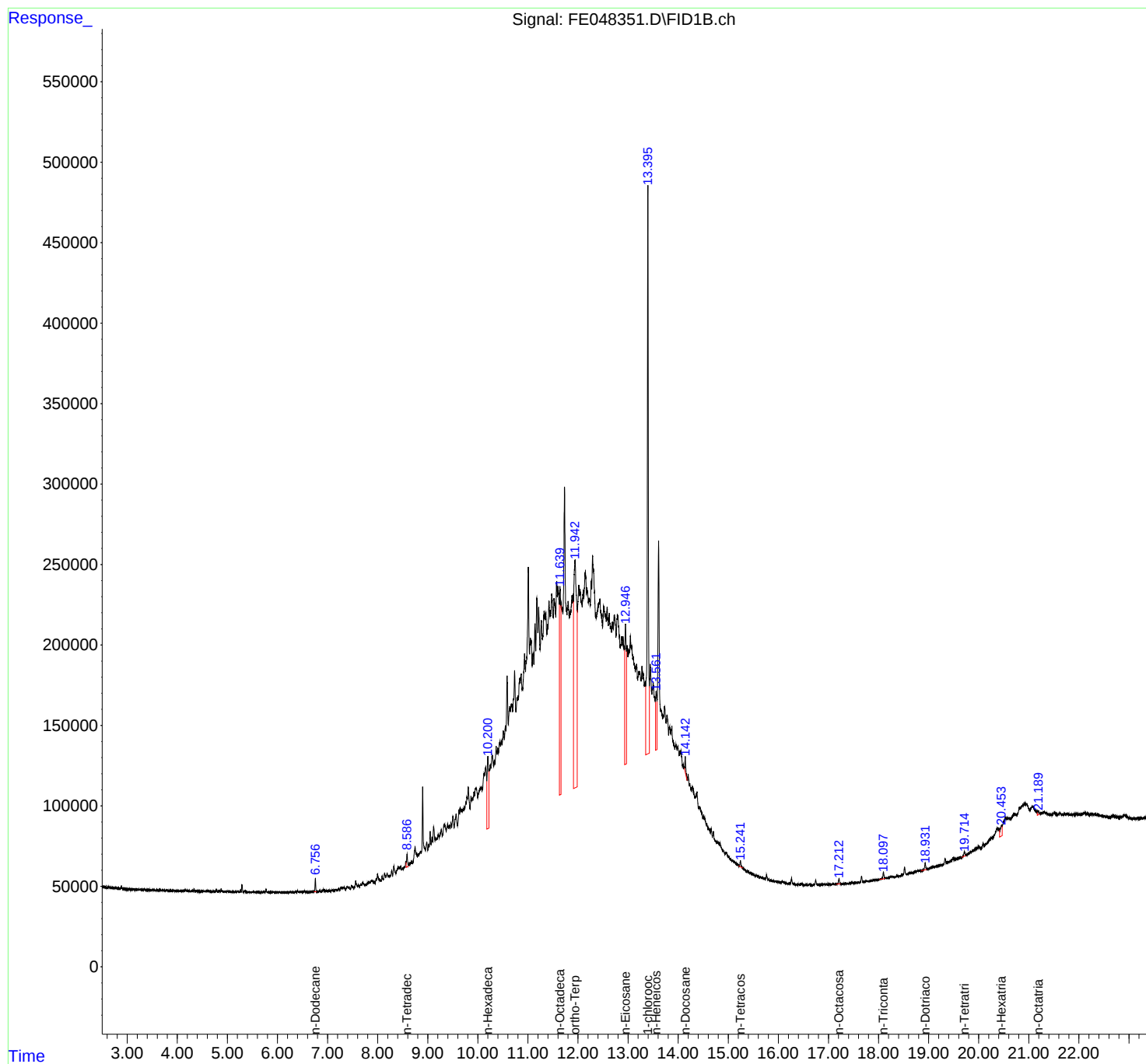
(m)=manual int.

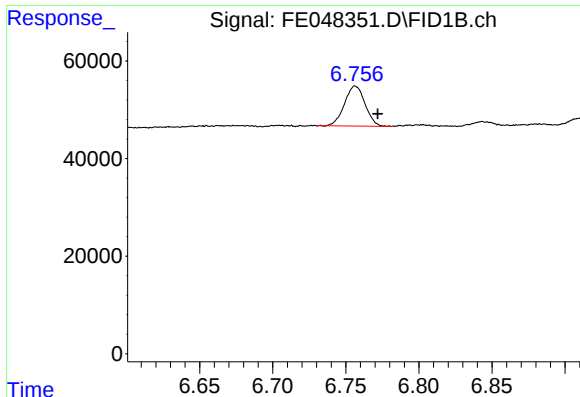
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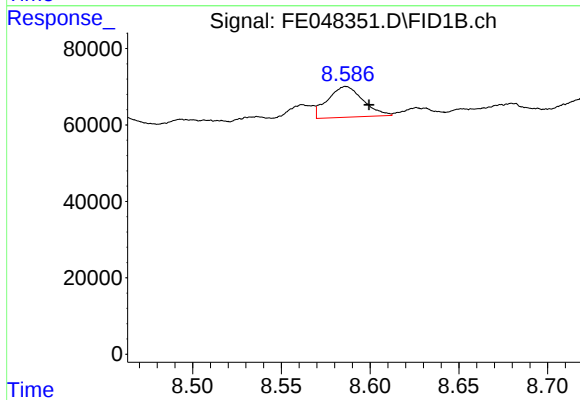




#4 n-Dodecane (C12)

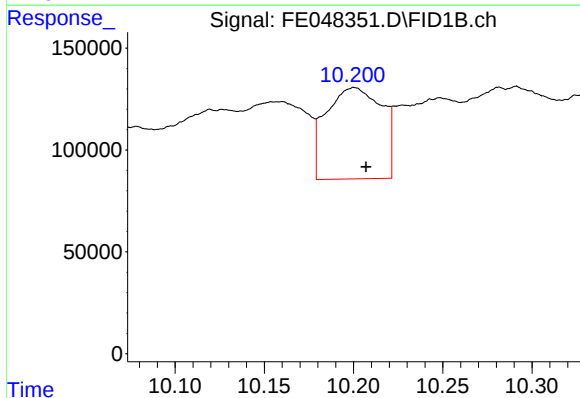
R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 80419
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



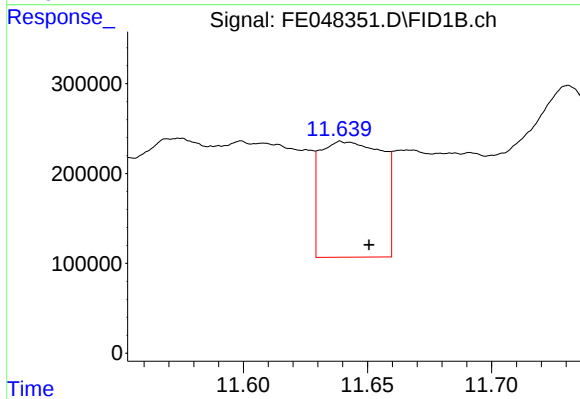
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.013 min
Response: 111706
Conc: 0.84 ug/ml



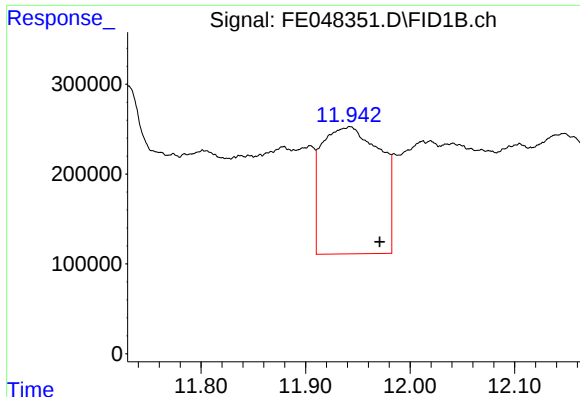
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.007 min
Response: 973439
Conc: 7.08 ug/ml



#8 n-Octadecane (C18)

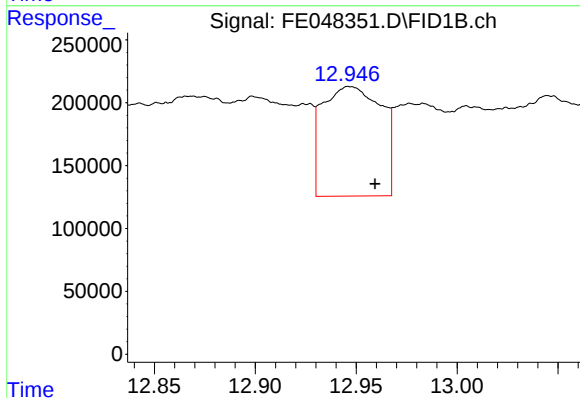
R.T.: 11.639 min
Delta R.T.: -0.011 min
Response: 2246358
Conc: 16.13 ug/ml



#9 ortho-Terphenyl (SURR)

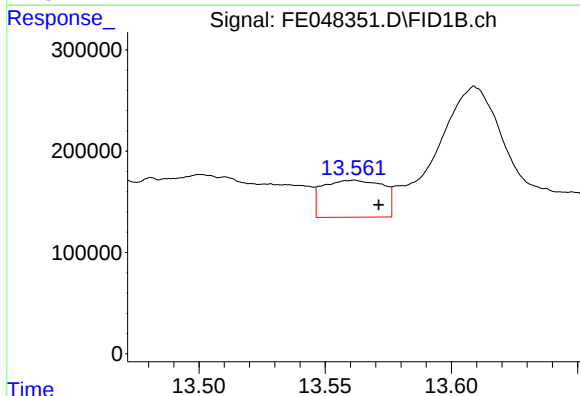
R.T.: 11.942 min
Delta R.T.: -0.029 min
Response: 5523970
Conc: 38.29 ug/ml

Instrument :
FID_E
ClientSampleId :



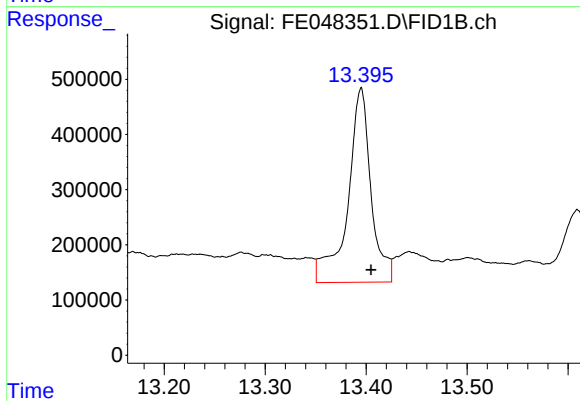
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 1761950
Conc: 13.09 ug/ml



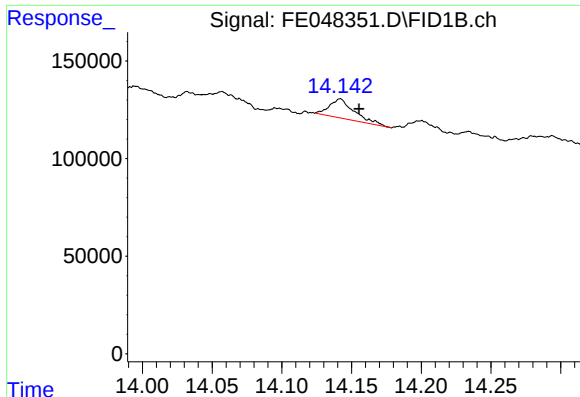
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.010 min
Response: 606488
Conc: 4.58 ug/ml



#12 1-chlorooctadecane (SURR)

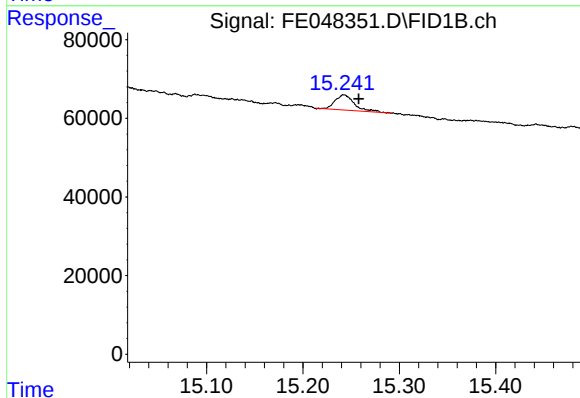
R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 5618057
Conc: 50.28 ug/ml



#13 n-Docosane (C22)

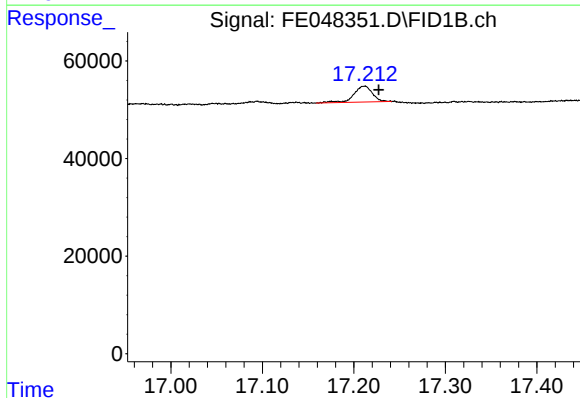
R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 121588
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :



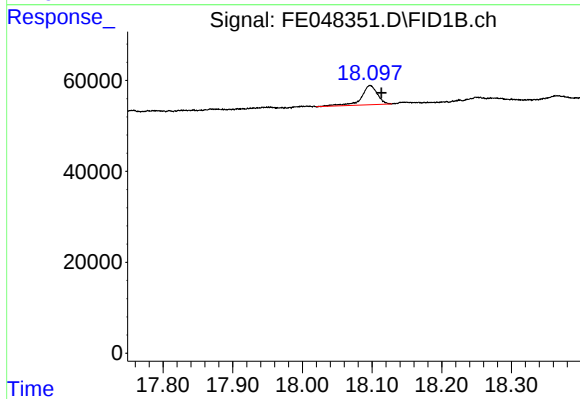
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 53856
Conc: 0.40 ug/ml



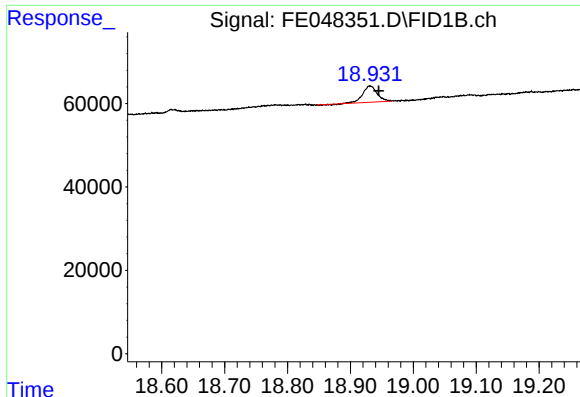
#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: -0.015 min
Response: 46102
Conc: 0.35 ug/ml



#17 n-Tricontane (C30)

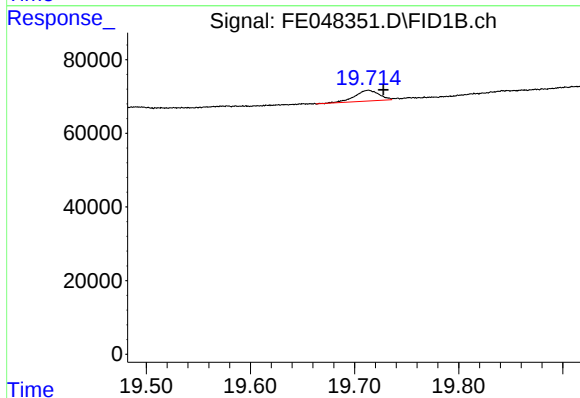
R.T.: 18.097 min
Delta R.T.: -0.016 min
Response: 68034
Conc: 0.49 ug/ml



#18 n-Dotriacontane (C32)

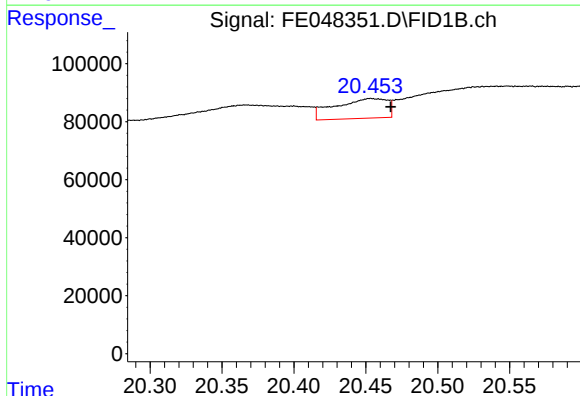
R.T.: 18.930 min
Delta R.T.: -0.014 min
Response: 61424
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



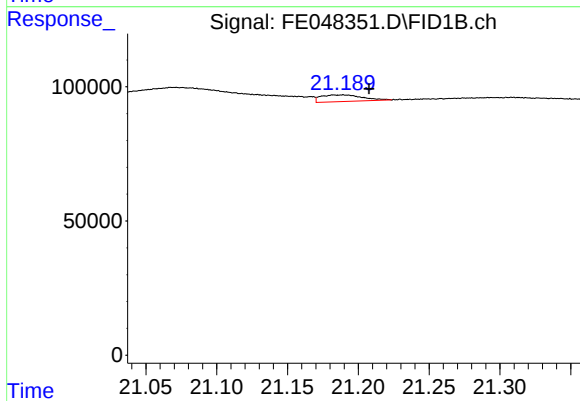
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.014 min
Response: 46547
Conc: 0.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.014 min
Response: 172324
Conc: 1.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.020 min
Response: 50591
Conc: 0.37 ug/ml