

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045114.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 20:19
 Operator : YP\AJ
 Sample : 05166-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 00:01:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.932	100911286	503.385 ug/ml
Spiked Amount 50.000		Recovery	= 1006.77%
12) S 1-chlorooctadecane (S...	13.394	104613337	706.915 ug/ml
Spiked Amount 50.000		Recovery	= 1413.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.530	1031611	6.016 ug/ml
7) T n-Hexadecane (C16)	10.159	14977908	85.652 ug/ml
8) T n-Octadecane (C18)	11.603	20270321	116.219 ug/ml
10) T n-Eicosane (C20)	12.912	62036612	371.410 ug/ml
11) T n-Heneicosane (C21)	13.516	20964917	128.610 ug/ml
13) T n-Docosane (C22)	14.092	31415765	196.406 ug/ml
14) T n-Tetracosane (C24)	15.218	5519482	35.565 ug/ml
17) T n-Tricontane (C30)	18.066	113665	0.764 ug/ml
18) T n-Dotriacontane (C32)	18.897	195250	1.301 ug/ml
19) T n-Tetratriacontane (C34)	19.693	1653343	11.106 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2532525	16.473 ug/ml
21) T n-Octatriacontane (C38)	21.229	1088387	6.967 ug/ml
22) T n-Tetracontane (C40)	22.100	1122708	6.718 ug/ml

(f)=RT Delta > 1/2 Window

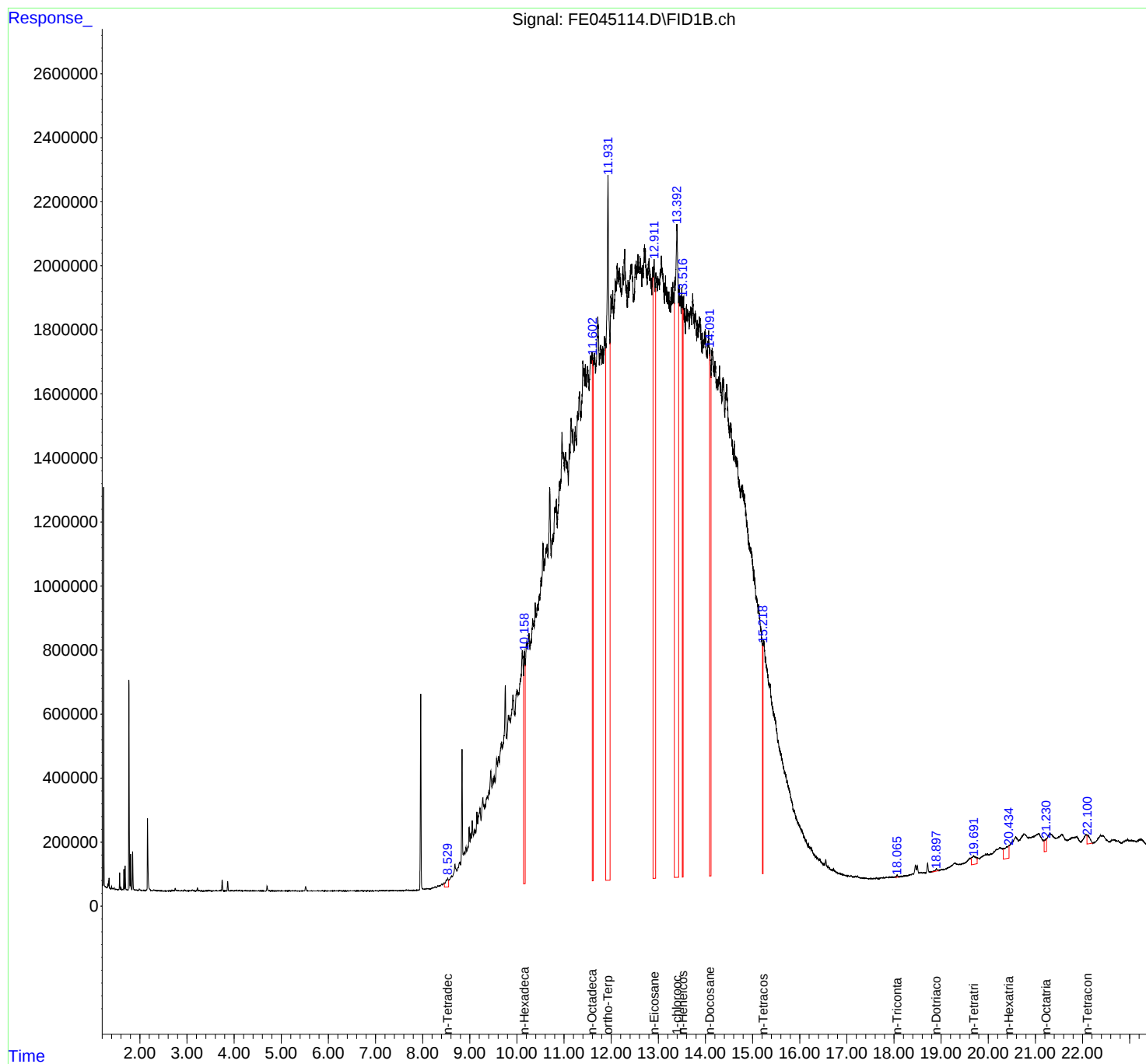
(m)=manual int.

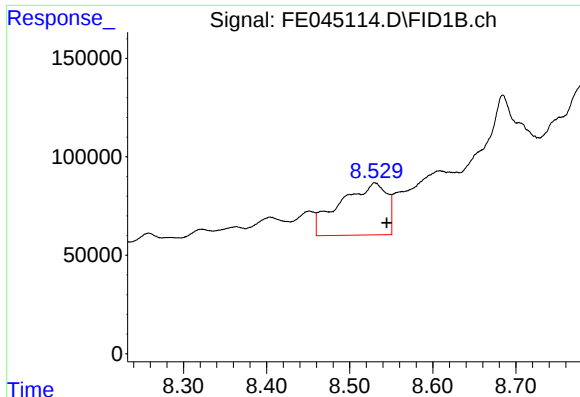
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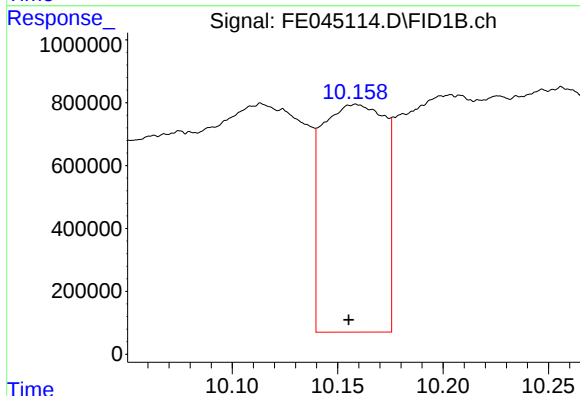




#6 n-Tetradecane (C14)

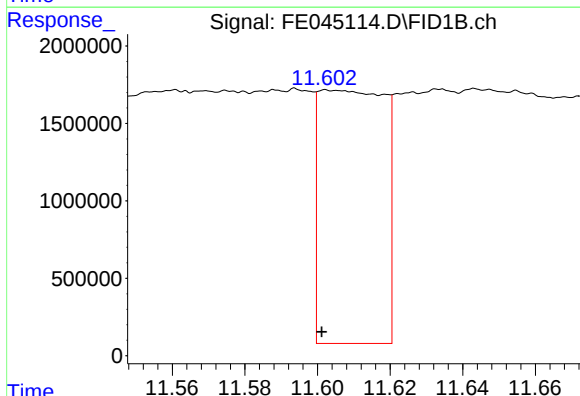
R.T.: 8.530 min
Delta R.T.: -0.014 min
Response: 1031611
Conc: 6.02 ug/ml

Instrument :
FID_E
ClientSampleId :



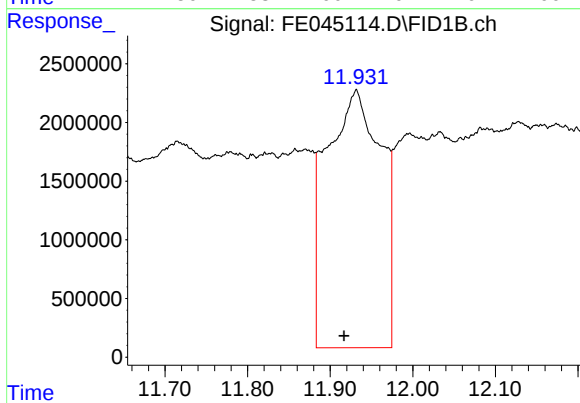
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: 0.003 min
Response: 14977908
Conc: 85.65 ug/ml



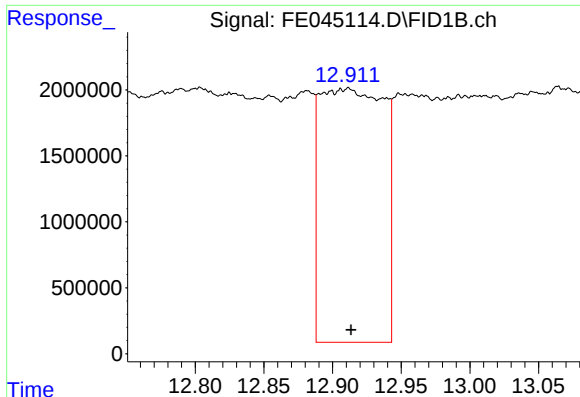
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: 0.002 min
Response: 20270321
Conc: 116.22 ug/ml



#9 ortho-Terphenyl (SURR)

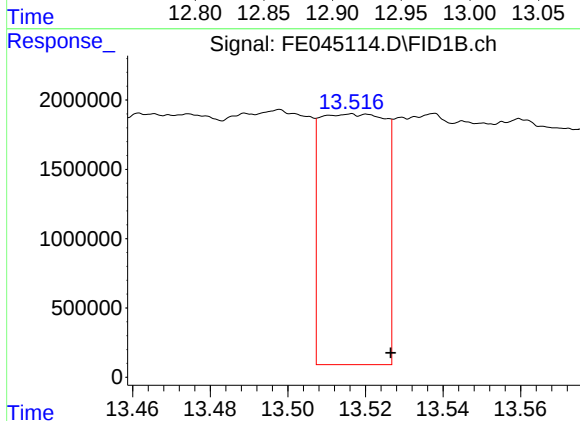
R.T.: 11.932 min
Delta R.T.: 0.015 min
Response: 100911286
Conc: 503.39 ug/ml



#10 n-Eicosane (C20)

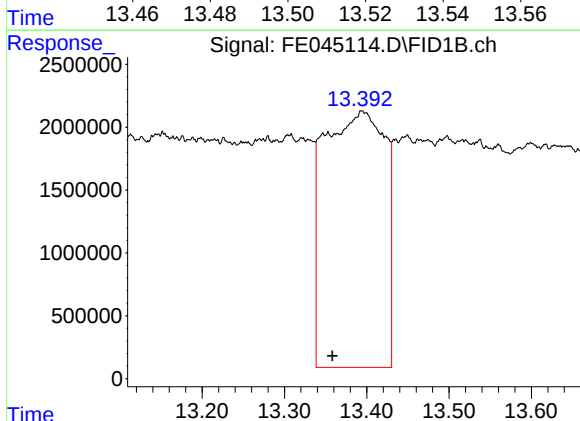
R.T.: 12.912 min
Delta R.T.: -0.002 min
Response: 62036612
Conc: 371.41 ug/ml

Instrument :
FID_E
ClientSampleId :



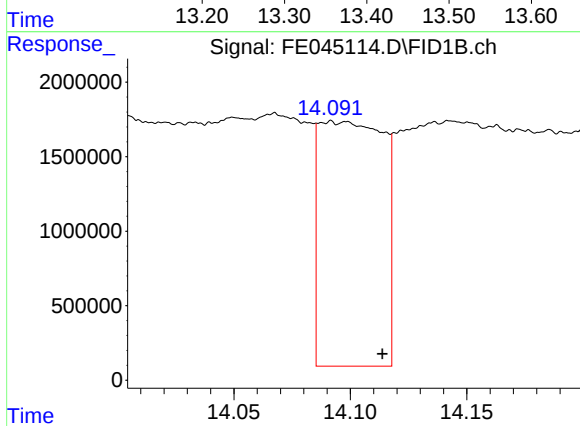
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.010 min
Response: 20964917
Conc: 128.61 ug/ml



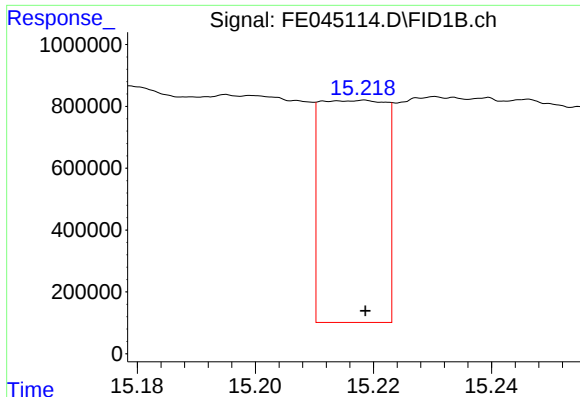
#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: 0.036 min
Response: 104613337
Conc: 706.91 ug/ml



#13 n-Docosane (C22)

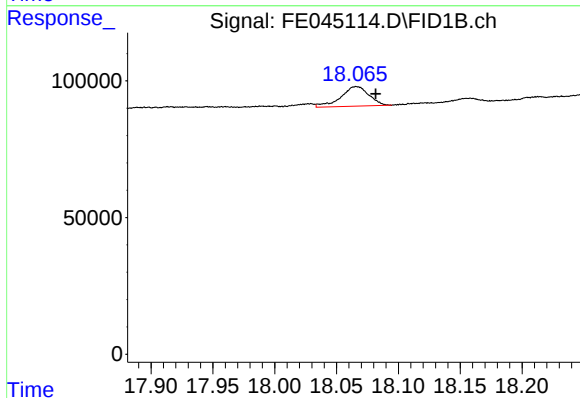
R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 31415765
Conc: 196.41 ug/ml



#14 n-Tetracosane (C24)

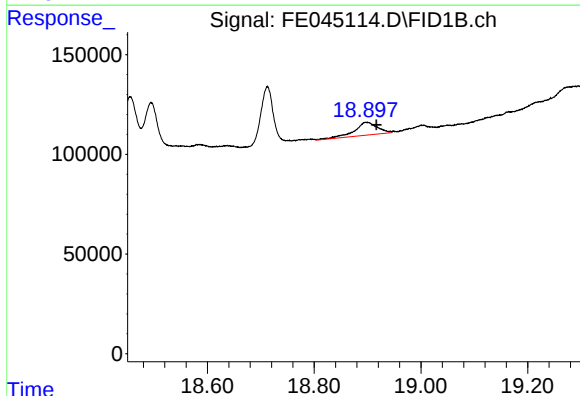
R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 5519482
Conc: 35.56 ug/ml

Instrument :
FID_E
ClientSampleId :



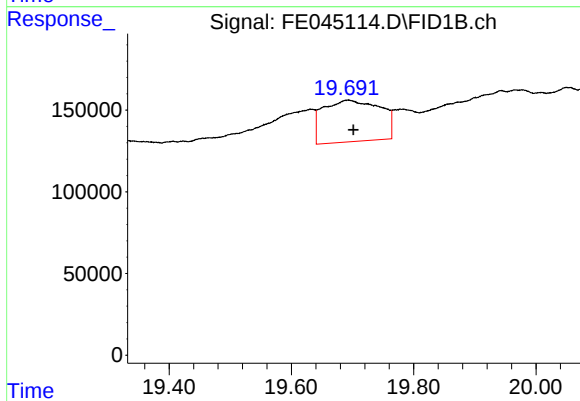
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.016 min
Response: 113665
Conc: 0.76 ug/ml



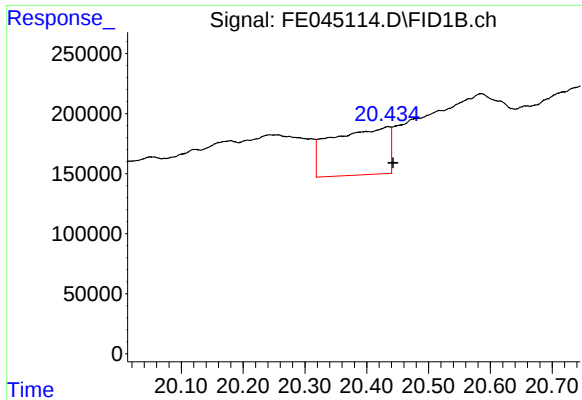
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.019 min
Response: 195250
Conc: 1.30 ug/ml



#19 n-Tetratriacontane (C34)

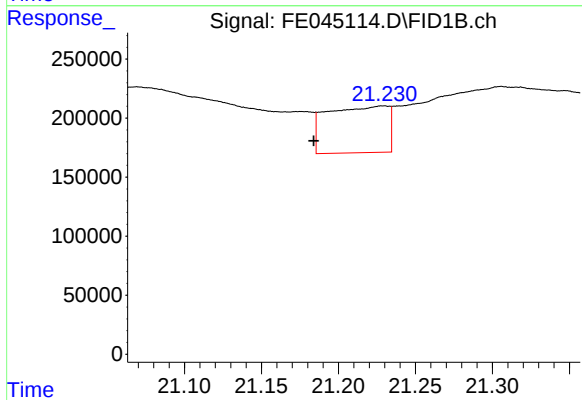
R.T.: 19.693 min
Delta R.T.: -0.008 min
Response: 1653343
Conc: 11.11 ug/ml



#20 n-Hexatriacontane (C36)

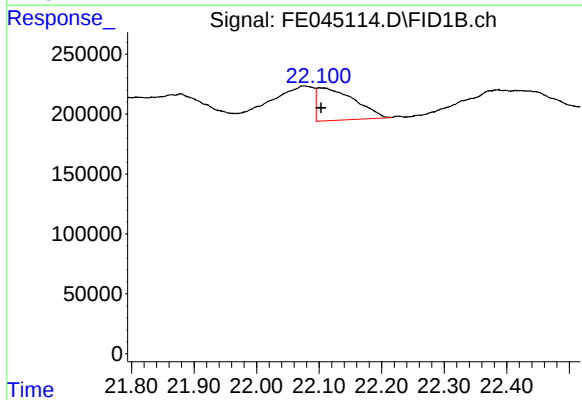
R.T.: 20.435 min
Delta R.T.: -0.008 min
Response: 2532525
Conc: 16.47 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.045 min
Response: 1088387
Conc: 6.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.003 min
Response: 1122708
Conc: 6.72 ug/ml