

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042896.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2023 06:14
 Operator : YP\AJ
 Sample : 03398-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 26 01:18:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.934	16911059	92.056 ug/ml
Spiked Amount 50.000		Recovery =	184.11%
12) S 1-chlorooctadecane (S...	13.370	13256926	97.412 ug/ml
Spiked Amount 50.000		Recovery =	194.82%
Target Compounds			
7) T n-Hexadecane (C16)	10.171	2232733	13.556 ug/ml
8) T n-Octadecane (C18)	11.586	9169761	55.167 ug/ml
10) T n-Eicosane (C20)	12.926	8791117	55.401 ug/ml
11) T n-Heneicosane (C21)	13.543	4743583	30.660 ug/ml
13) T n-Docosane (C22)	14.119	1807188	11.864 ug/ml
14) T n-Tetracosane (C24)	15.211	1513548	10.201 ug/ml
16) T n-Octacosane (C28)	17.204	147142	1.061 ug/ml
17) T n-Tricontane (C30)	18.075	127236	0.900 ug/ml
18) T n-Dotriacontane (C32)	18.911	110576	0.788 ug/ml
19) T n-Tetratriacontane (C34)	19.690	131180	0.959 ug/ml
20) T n-Hexatriacontane (C36)	20.434	99719	0.746 ug/ml
21) T n-Octatriacontane (C38)	21.189	164745	1.208 ug/ml

(f)=RT Delta > 1/2 Window

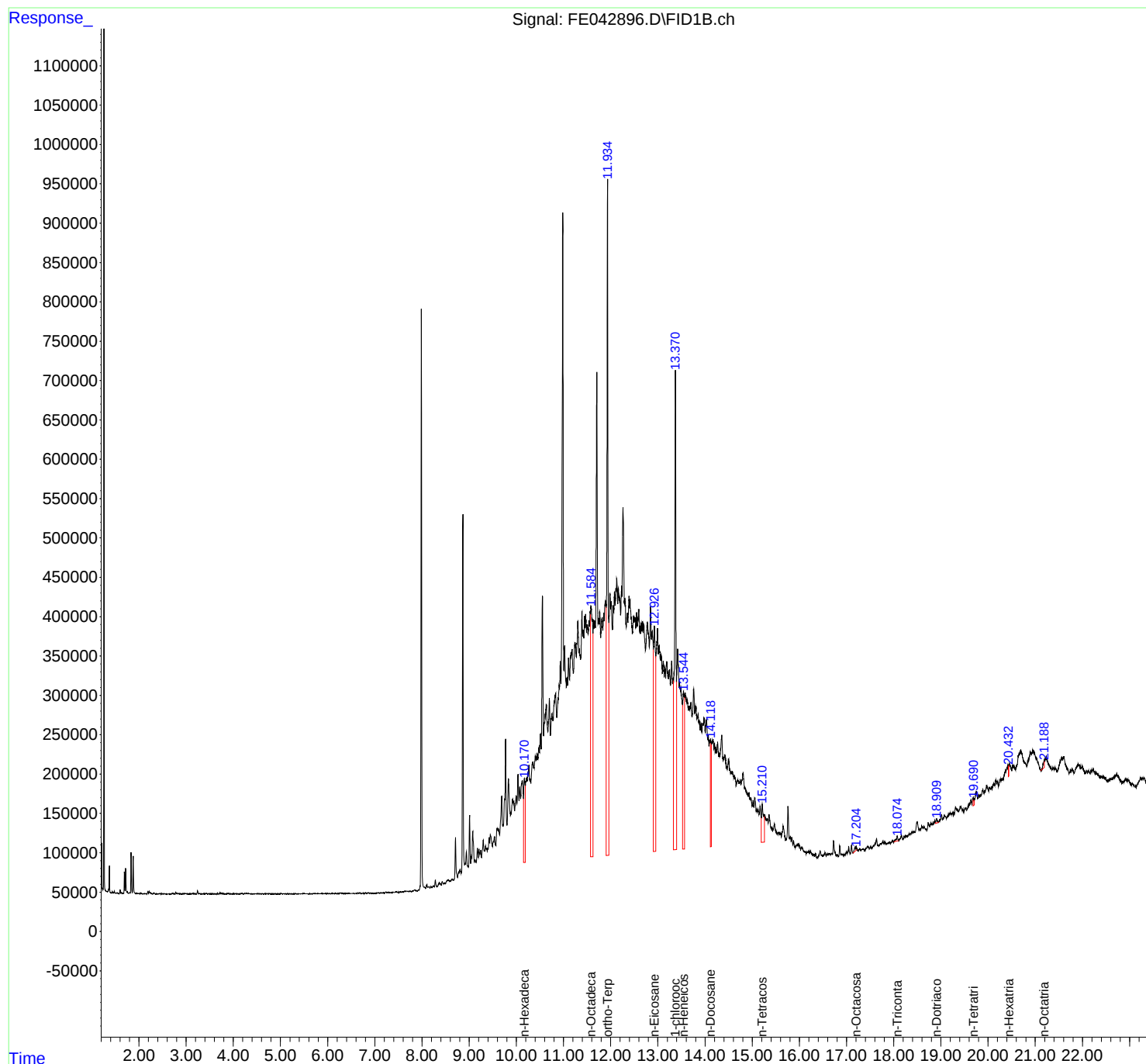
(m)=manual int.

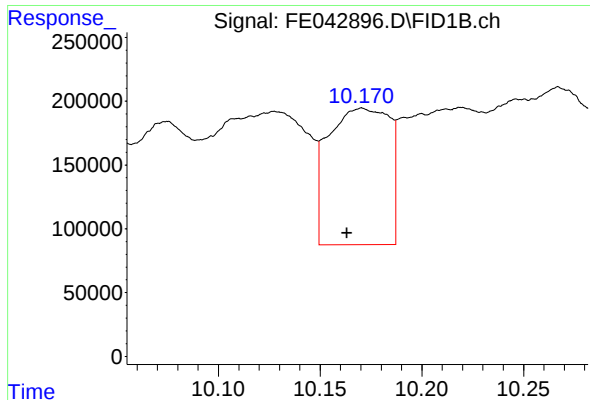
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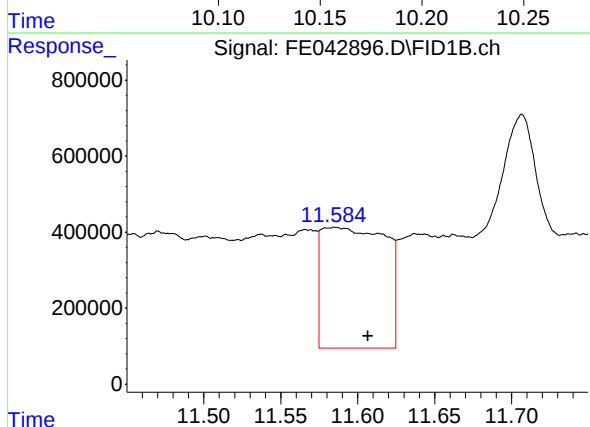




#7 n-Hexadecane (C16)

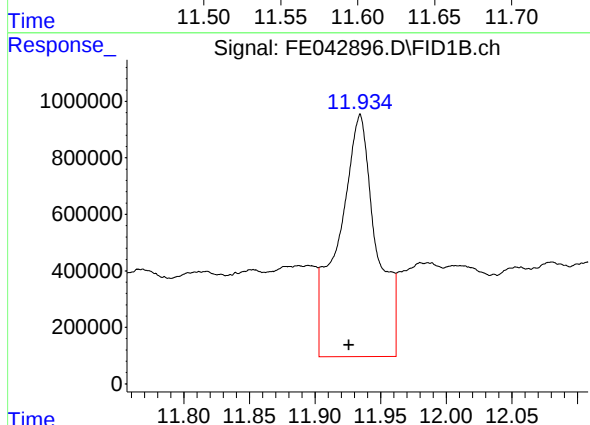
R.T.: 10.171 min
Delta R.T.: 0.007 min
Response: 2232733
Conc: 13.56 ug/ml

Instrument :
FID_E
ClientSampleId :



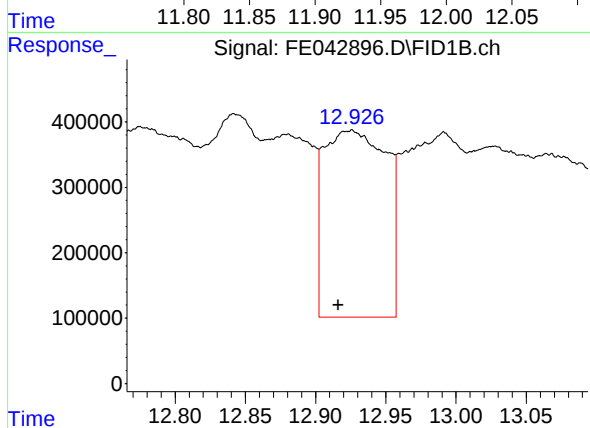
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.021 min
Response: 9169761
Conc: 55.17 ug/ml



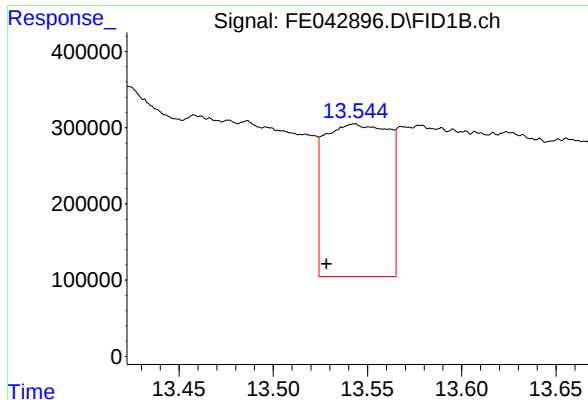
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.009 min
Response: 16911059
Conc: 92.06 ug/ml



#10 n-Eicosane (C20)

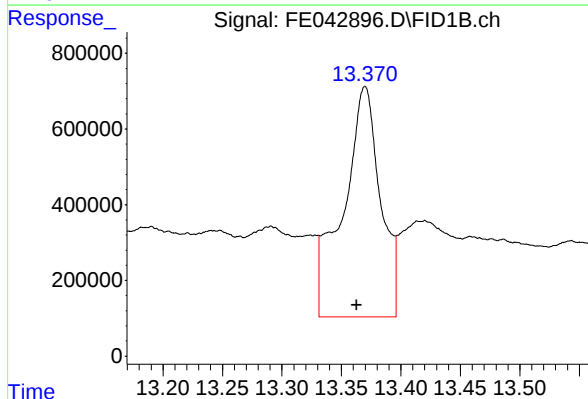
R.T.: 12.926 min
Delta R.T.: 0.009 min
Response: 8791117
Conc: 55.40 ug/ml



#11 n-Heneicosane (C21)

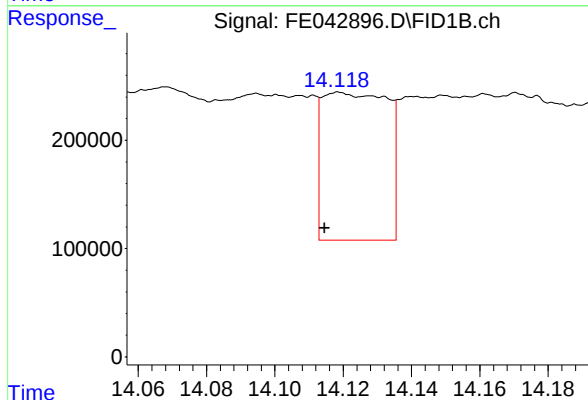
R.T.: 13.543 min
Delta R.T.: 0.014 min
Response: 4743583
Conc: 30.66 ug/ml

Instrument :
FID_E
ClientSampleId :



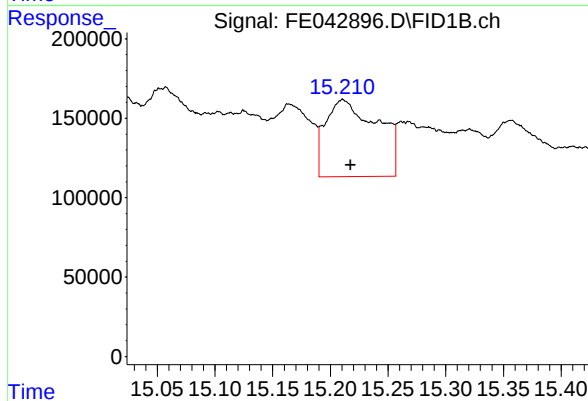
#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.007 min
Response: 13256926
Conc: 97.41 ug/ml



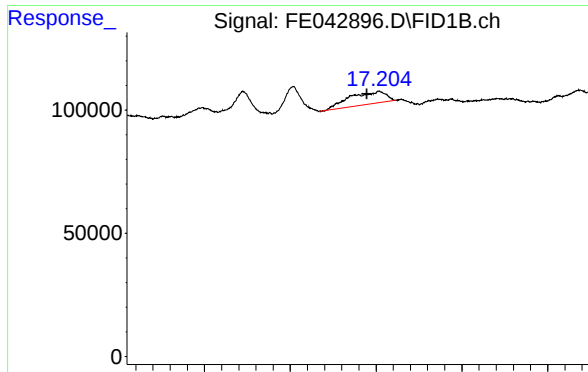
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: 0.004 min
Response: 1807188
Conc: 11.86 ug/ml



#14 n-Tetracosane (C24)

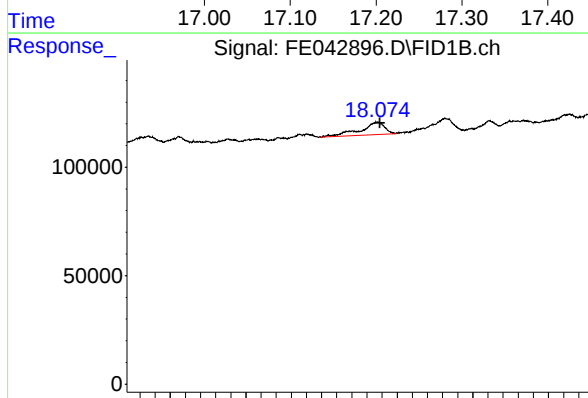
R.T.: 15.211 min
Delta R.T.: -0.007 min
Response: 1513548
Conc: 10.20 ug/ml



#16 n-Octacosane (C28)

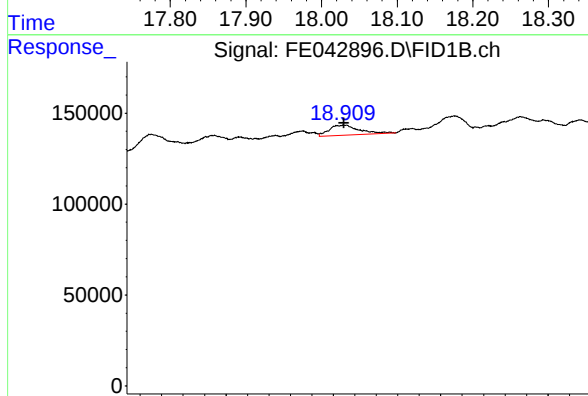
R.T.: 17.204 min
Delta R.T.: 0.014 min
Response: 147142
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



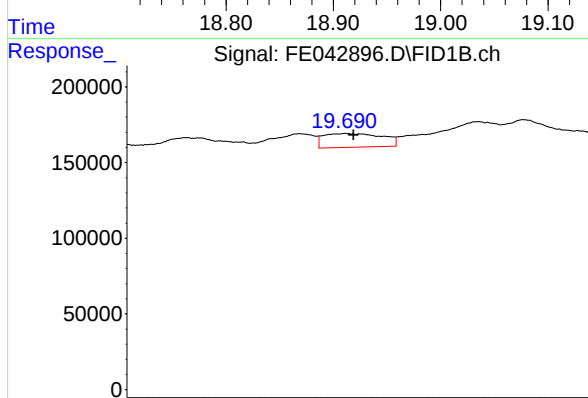
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.003 min
Response: 127236
Conc: 0.90 ug/ml



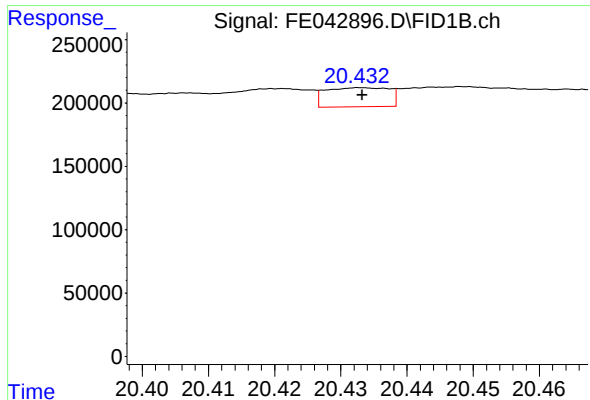
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.000 min
Response: 110576
Conc: 0.79 ug/ml



#19 n-Tetratriacontane (C34)

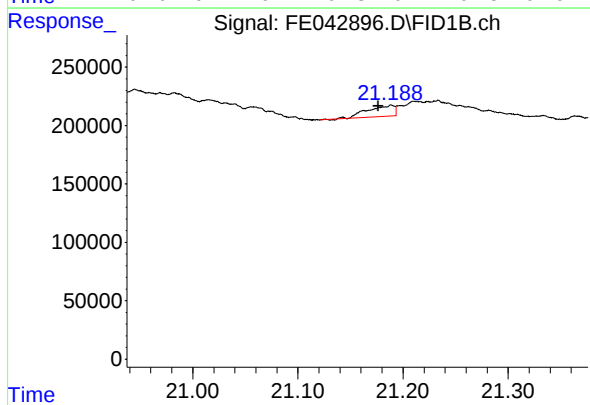
R.T.: 19.690 min
Delta R.T.: -0.003 min
Response: 131180
Conc: 0.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 99719
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.012 min
Response: 164745
Conc: 1.21 ug/ml