

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072623AL\
 Data File : FE043531.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2023 20:54
 Operator : YP\AJ
 Sample : 03738-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 27 01:30:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.893	14625299	81.675 ug/ml
Spiked Amount 50.000		Recovery =	163.35%
12) S 1-chlorooctadecane (S...	13.331	11897252	90.546 ug/ml
Spiked Amount 50.000		Recovery =	181.09%
Target Compounds			
7) T n-Hexadecane (C16)	10.135	371918	2.298 ug/ml
8) T n-Octadecane (C18)	11.595	2158372	13.240 ug/ml
10) T n-Eicosane (C20)	12.886	4079074	26.254 ug/ml
11) T n-Heneicosane (C21)	13.527	3465862	22.877 ug/ml
13) T n-Docosane (C22)	14.116	5820987	38.949 ug/ml
14) T n-Tetracosane (C24)	15.172	5024676	34.214 ug/ml
15) T n-Hexacosane (C26)	16.186	644851	4.528 ug/ml
16) T n-Octacosane (C28)	17.172	1073933	7.633 ug/ml
17) T n-Tricontane (C30)	18.071	83333	0.566 ug/ml
19) T n-Tetratriacontane (C34)	19.668	198935	1.378 ug/ml
20) T n-Hexatriacontane (C36)	20.427	119891	0.816 ug/ml
22) T n-Tetracontane (C40)	22.036	343128	2.325 ug/ml

(f)=RT Delta > 1/2 Window

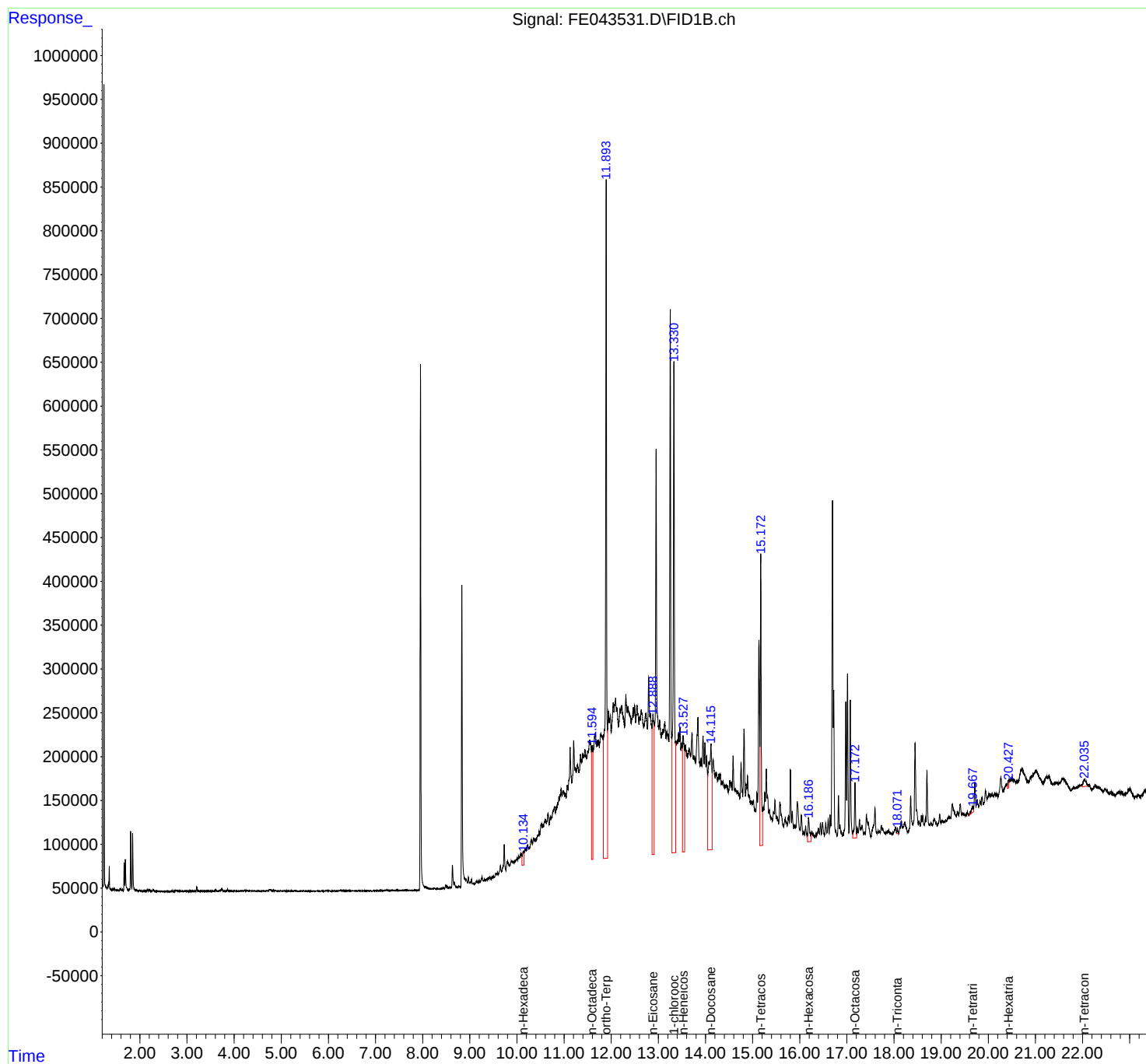
(m)=manual int.

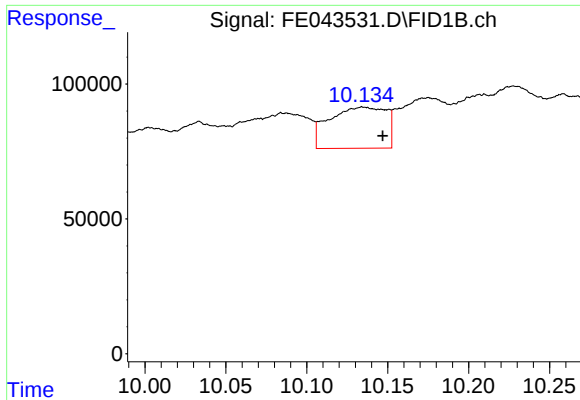
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Signal Info : 20M x 0.18mm x 0.18um

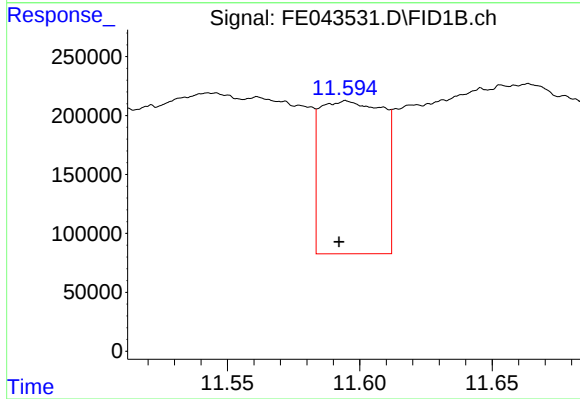




#7 n-Hexadecane (C16)

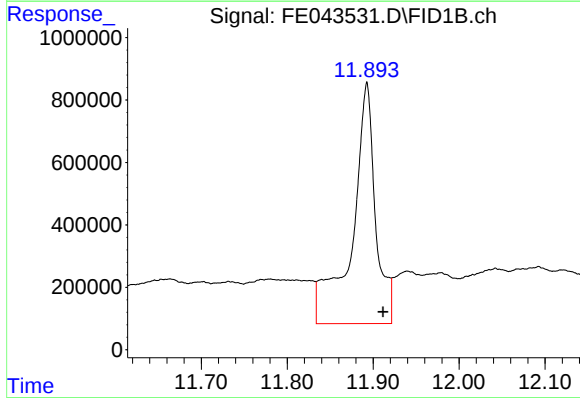
R.T.: 10.135 min
Delta R.T.: -0.012 min
Response: 371918
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :



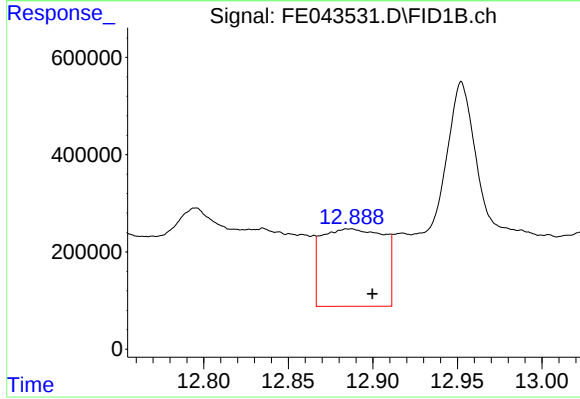
#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.003 min
Response: 2158372
Conc: 13.24 ug/ml



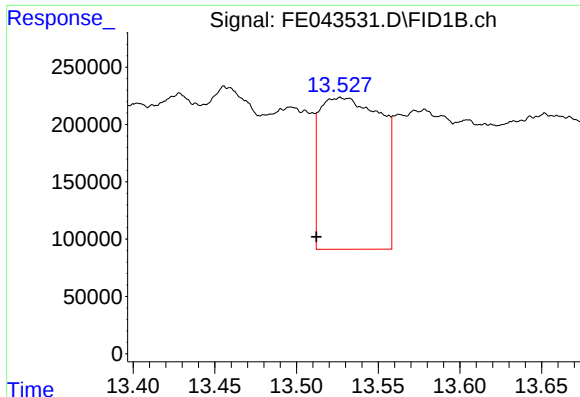
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.019 min
Response: 14625299
Conc: 81.68 ug/ml



#10 n-Eicosane (C20)

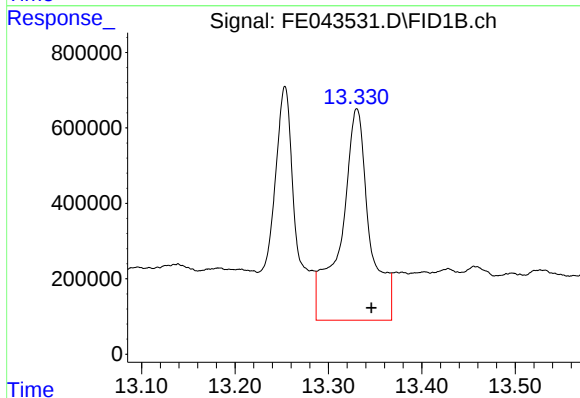
R.T.: 12.886 min
Delta R.T.: -0.013 min
Response: 4079074
Conc: 26.25 ug/ml



#11 n-Heneicosane (C21)

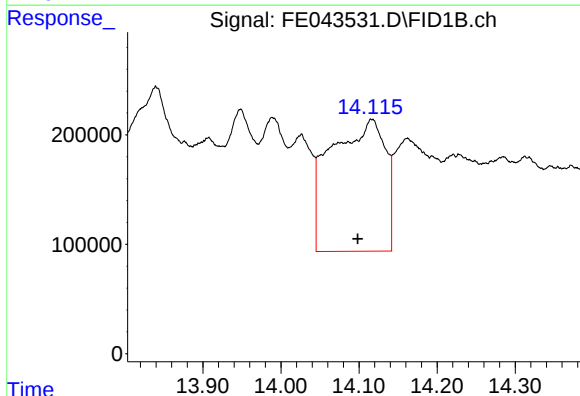
R.T.: 13.527 min
Delta R.T.: 0.015 min
Response: 3465862
Conc: 22.88 ug/ml

Instrument :
FID_E
ClientSampleId :



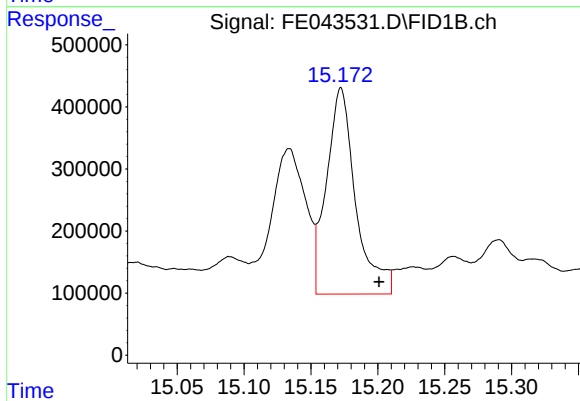
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.015 min
Response: 11897252
Conc: 90.55 ug/ml



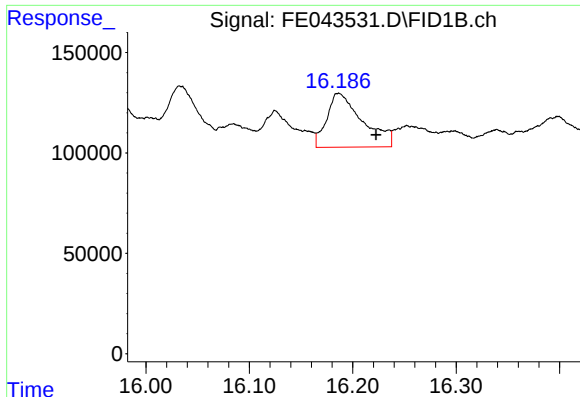
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: 0.018 min
Response: 5820987
Conc: 38.95 ug/ml



#14 n-Tetracosane (C24)

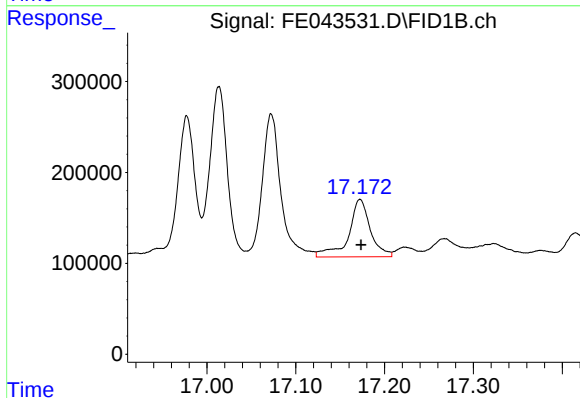
R.T.: 15.172 min
Delta R.T.: -0.029 min
Response: 5024676
Conc: 34.21 ug/ml



#15 n-Hexacosane (C26)

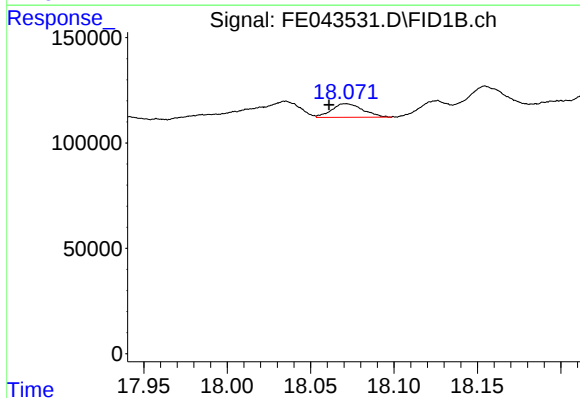
R.T.: 16.186 min
Delta R.T.: -0.036 min
Response: 644851
Conc: 4.53 ug/ml

Instrument :
FID_E
ClientSampleId :



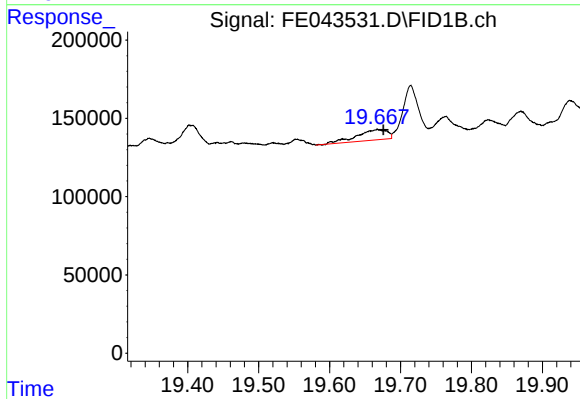
#16 n-Octacosane (C28)

R.T.: 17.172 min
Delta R.T.: -0.001 min
Response: 1073933
Conc: 7.63 ug/ml



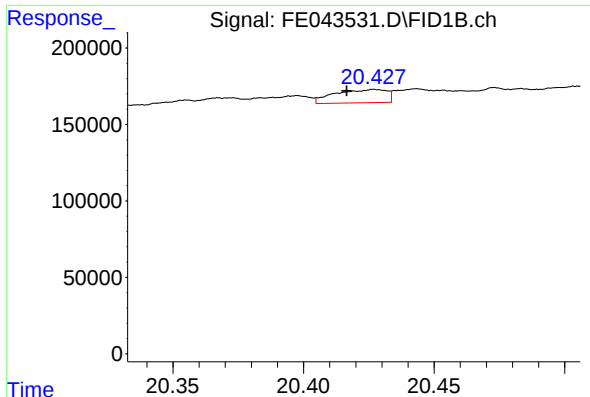
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: 0.010 min
Response: 83333
Conc: 0.57 ug/ml



#19 n-Tetratriacontane (C34)

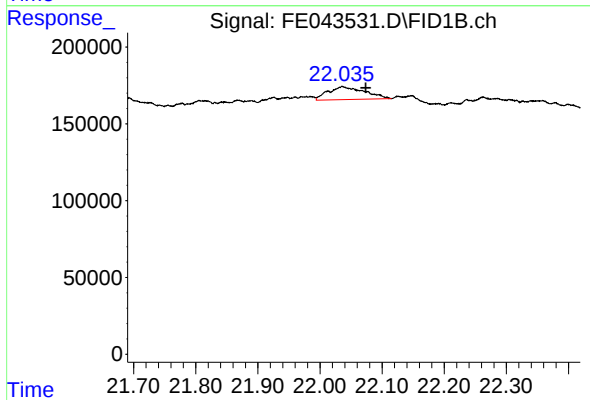
R.T.: 19.668 min
Delta R.T.: -0.008 min
Response: 198935
Conc: 1.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.011 min
Response: 119891
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.036 min
Delta R.T.: -0.038 min
Response: 343128
Conc: 2.32 ug/ml