

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040595.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 16:32
 Operator : YP\AJ
 Sample : PB151107BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:55:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.876	376053	2.013 ug/ml
Spiked Amount 50.000		Recovery =	4.03%
12) S 1-chlorooctadecane (S...	13.317	5307348	35.859 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
4) T n-Dodecane (C12)	6.684	61609	0.402 ug/ml
6) T n-Tetradecane (C14)	8.514	30976	0.200 ug/ml
7) T n-Hexadecane (C16)	10.122	25231	0.156 ug/ml
8) T n-Octadecane (C18)	11.562	35683	0.210 ug/ml
10) T n-Eicosane (C20)	12.873	21280	0.126 ug/ml
13) T n-Docosane (C22)	14.072	25795	0.151 ug/ml
14) T n-Tetracosane (C24)	15.176	55028	0.319 ug/ml
17) T n-Tricontane (C30)	18.040	24290	0.149 ug/ml
18) T n-Dotriacontane (C32)	18.880	75406	0.441 ug/ml
19) T n-Tetratriacontane (C34)	19.658	31624	0.205 ug/ml
20) T n-Hexatriacontane (C36)	20.398	72140	0.497 ug/ml
22) T n-Tetracontane (C40)	22.066	130323	0.843 ug/ml

(f)=RT Delta > 1/2 Window

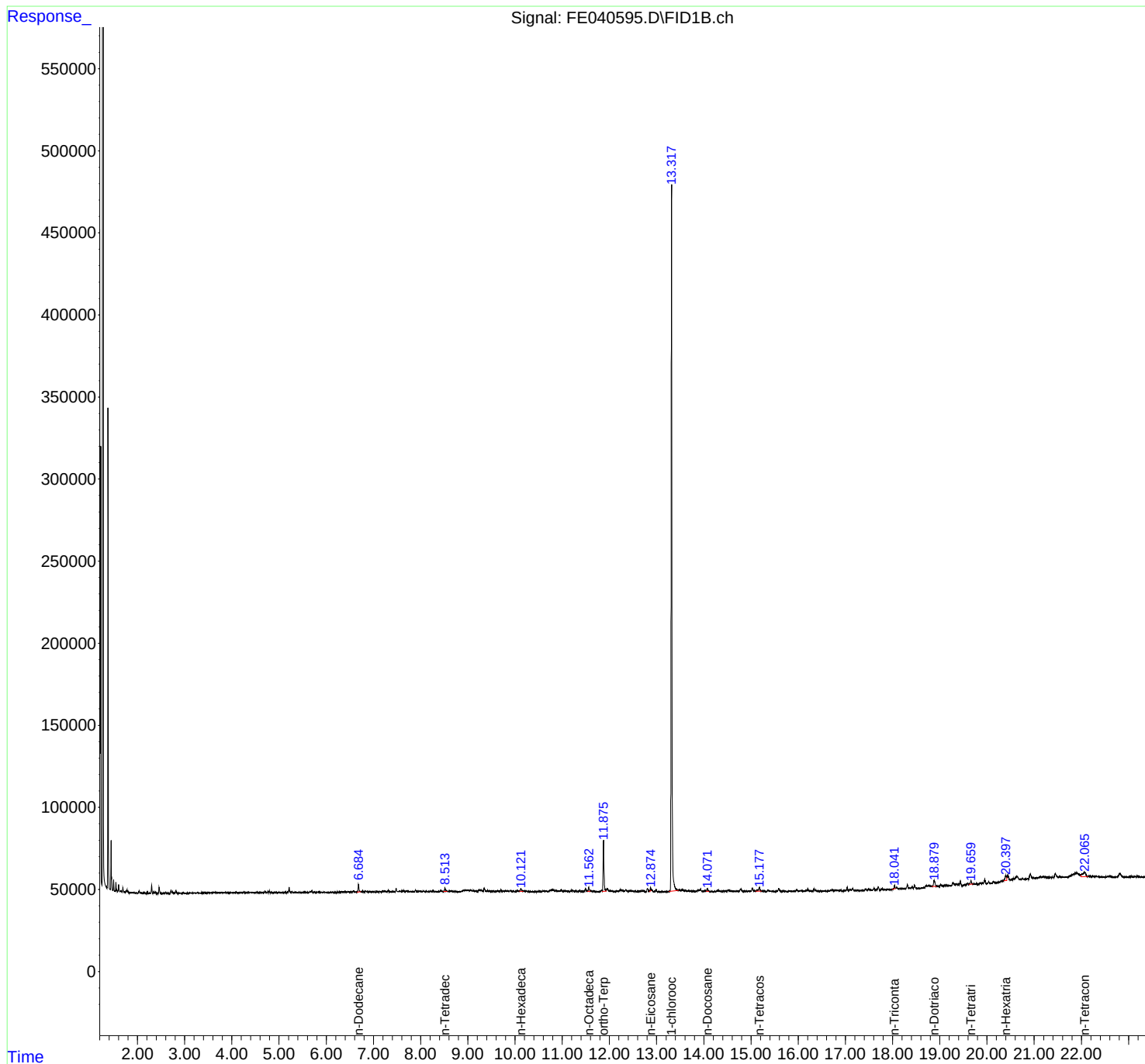
(m)=manual int.

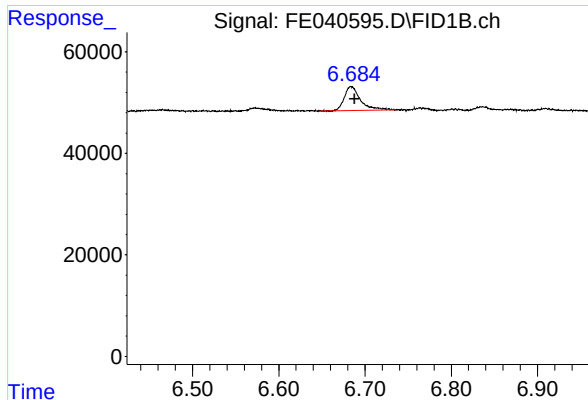
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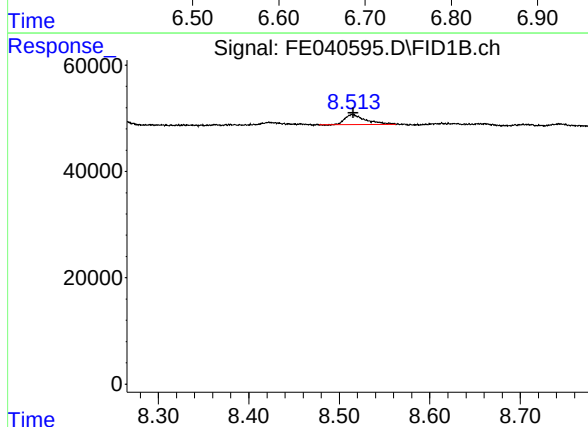




#4 n-Dodecane (C12)

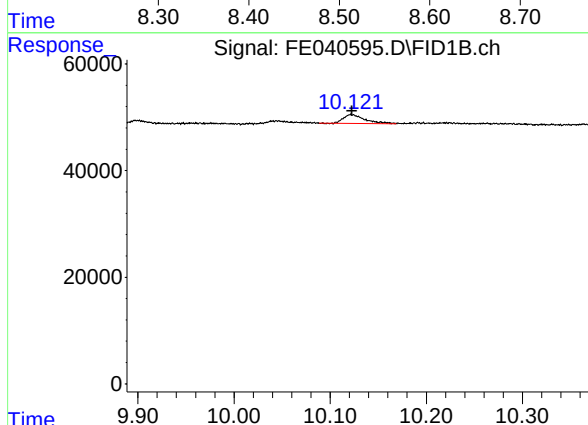
R.T.: 6.684 min
Delta R.T.: -0.004 min
Response: 61609
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :



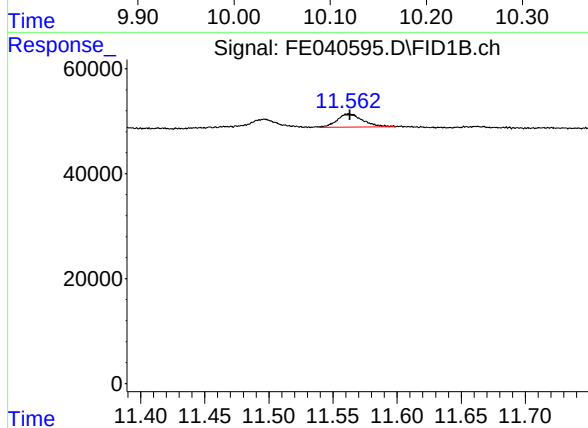
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 30976
Conc: 0.20 ug/ml



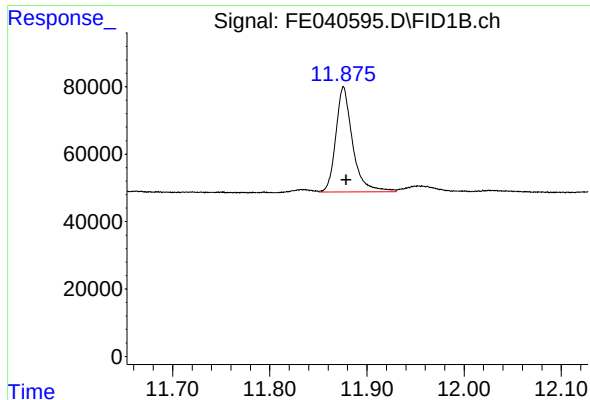
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.000 min
Response: 25231
Conc: 0.16 ug/ml



#8 n-Octadecane (C18)

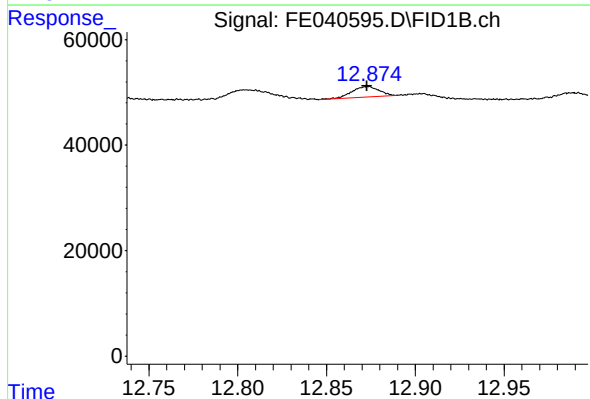
R.T.: 11.562 min
Delta R.T.: -0.002 min
Response: 35683
Conc: 0.21 ug/ml



#9 ortho-Terphenyl (SURR)

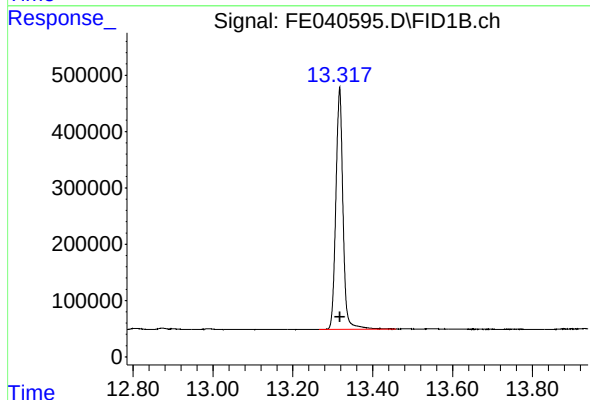
R.T.: 11.876 min
Delta R.T.: -0.003 min
Response: 376053
Conc: 2.01 ug/ml

Instrument :
FID_E
ClientSampleId :



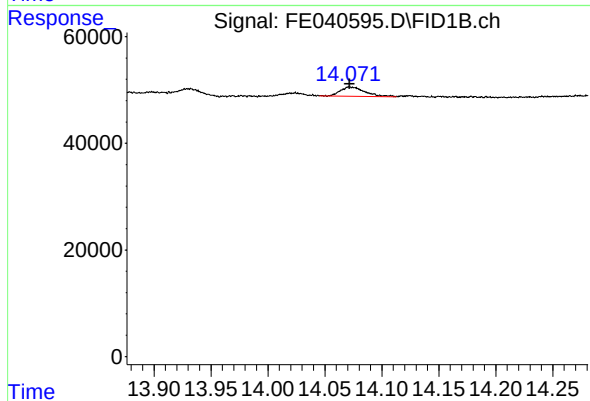
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 21280
Conc: 0.13 ug/ml



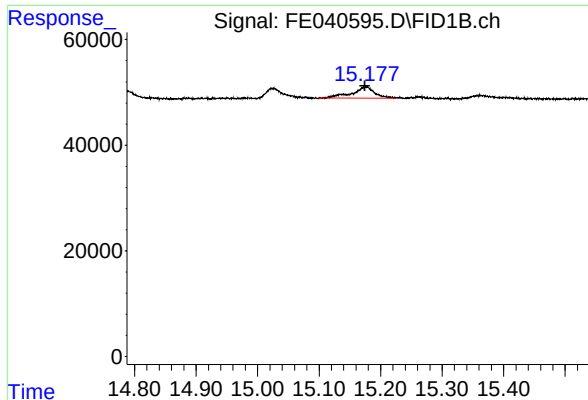
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 5307348
Conc: 35.86 ug/ml



#13 n-Docosane (C22)

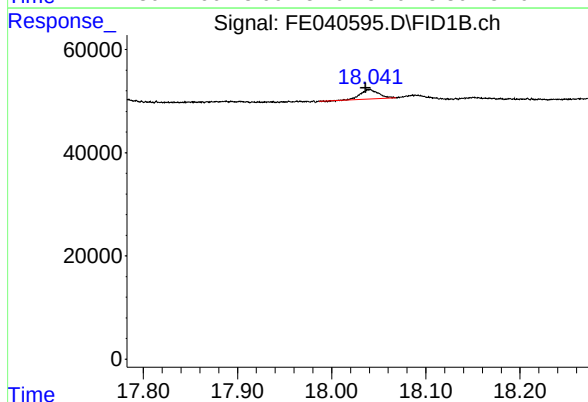
R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 25795
Conc: 0.15 ug/ml



#14 n-Tetracosane (C24)

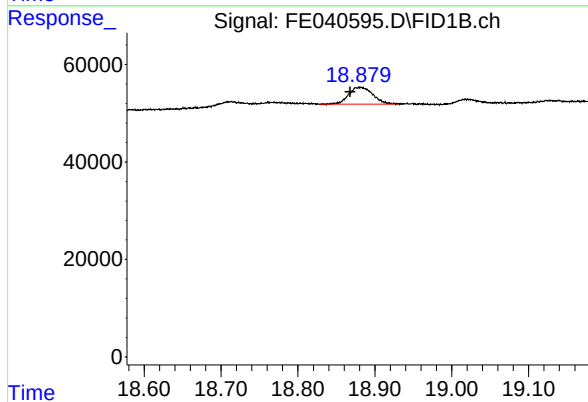
R.T.: 15.176 min
Delta R.T.: 0.002 min
Response: 55028
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



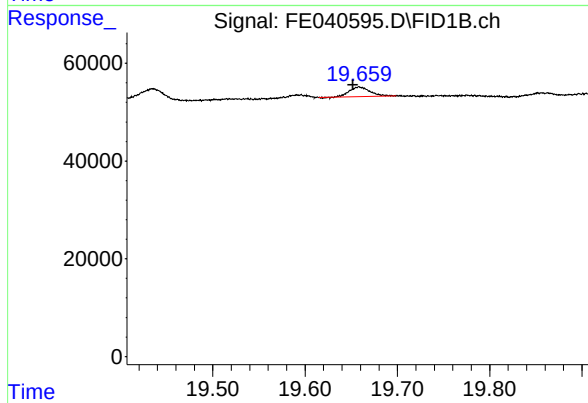
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 24290
Conc: 0.15 ug/ml



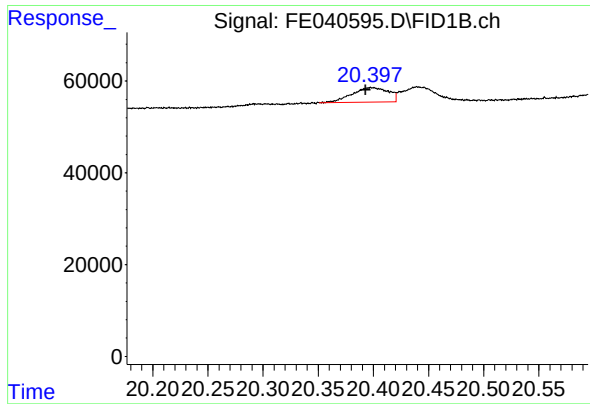
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: 0.012 min
Response: 75406
Conc: 0.44 ug/ml



#19 n-Tetratriacontane (C34)

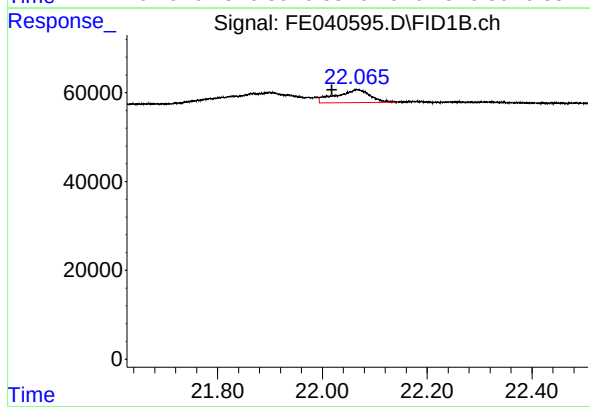
R.T.: 19.658 min
Delta R.T.: 0.006 min
Response: 31624
Conc: 0.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: 0.005 min
Response: 72140
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: 0.047 min
Response: 130323
Conc: 0.84 ug/ml