

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045110.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 18:19
 Operator : YP\AJ
 Sample : 05164-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 23:57:28 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)	11.902	6686615	33.355 ug/ml
Spiked Amount 50.000		Recovery =	66.71%
12) S 1-chlorooctadecane (S...	13.344	5221031	35.281 ug/ml
Spiked Amount 50.000		Recovery =	70.56%
Target Compounds			
6) T n-Tetradecane (C14)	8.491f	67706	0.395 ug/ml
10) T n-Eicosane (C20)	12.954	669098	4.006 ug/ml
11) T n-Heneicosane (C21)	13.522	58767	0.361 ug/ml
13) T n-Docosane (C22)	14.122	37369	0.234 ug/ml
14) T n-Tetracosane (C24)	15.176	419514	2.703 ug/ml
15) T n-Hexacosane (C26)	16.227	75852	0.505 ug/ml
16) T n-Octacosane (C28)	17.180	471862	3.213 ug/ml
17) T n-Tricontane (C30)	18.073	888952	5.977 ug/ml
18) T n-Dotriacontane (C32)	18.908	1072739	7.147 ug/ml
19) T n-Tetratriacontane (C34)	19.701	1731380	11.631 ug/ml
20) T n-Hexatriacontane (C36)	20.448	846367	5.505 ug/ml
21) T n-Octatriacontane (C38)	21.196	5332216	34.135 ug/ml
22) T n-Tetracontane (C40)	22.105	449818	2.692 ug/ml

(f)=RT Delta > 1/2 Window

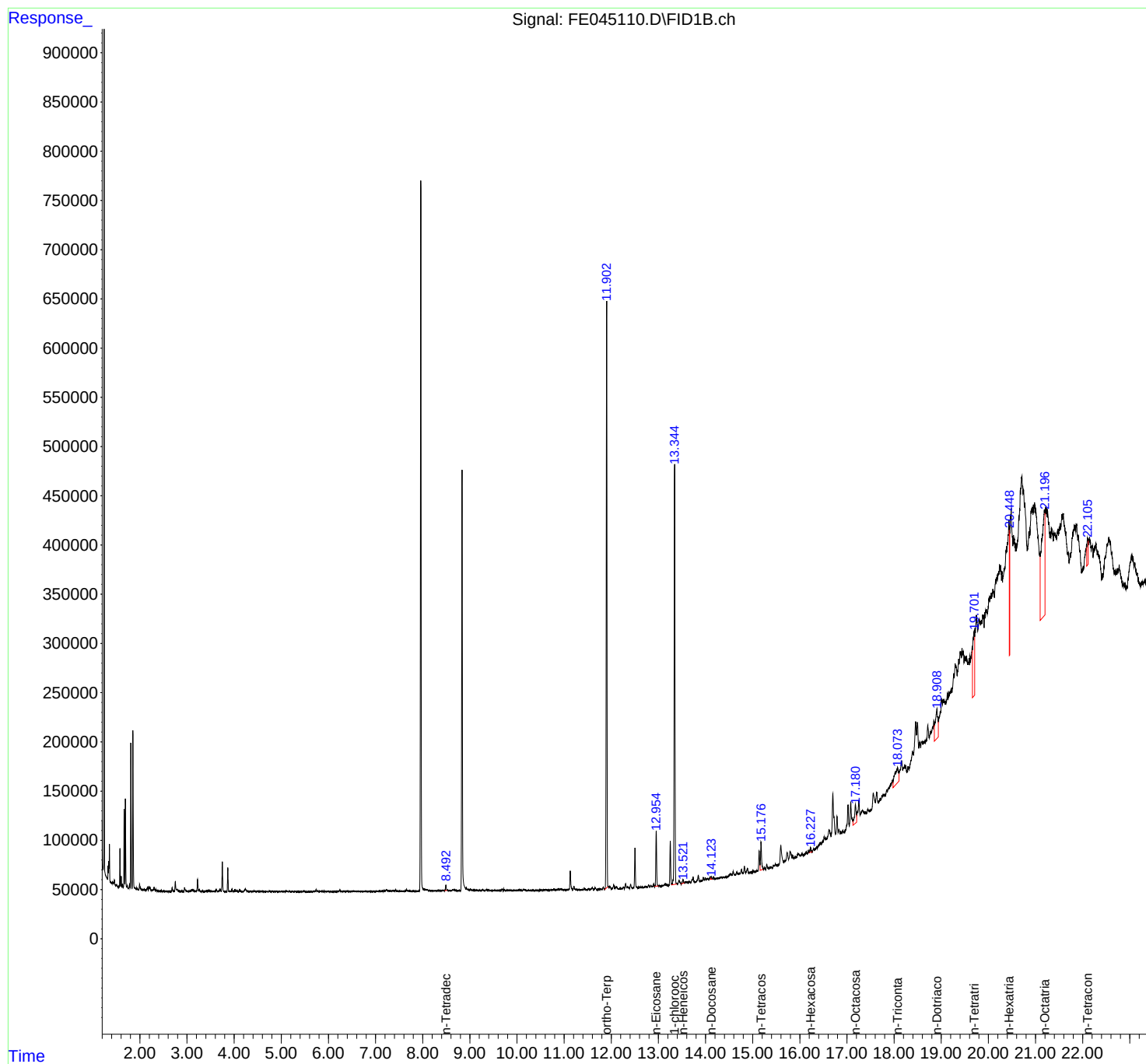
(m)=manual int.

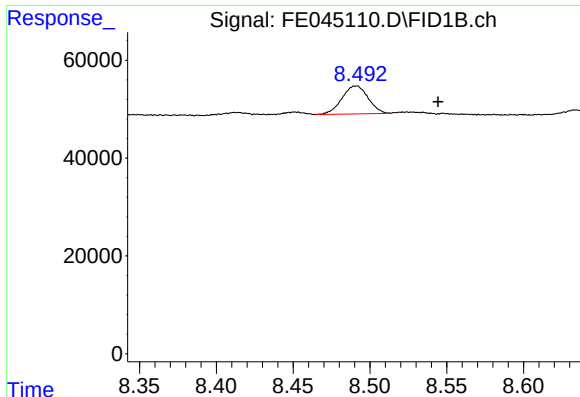
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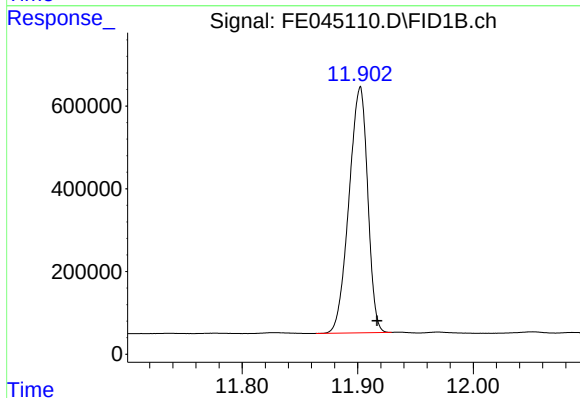




#6 n-Tetradecane (C14)

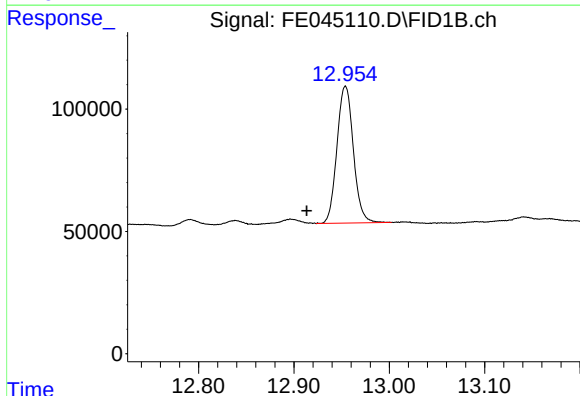
R.T.: 8.491 min
Delta R.T.: -0.053 min
Response: 67706
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



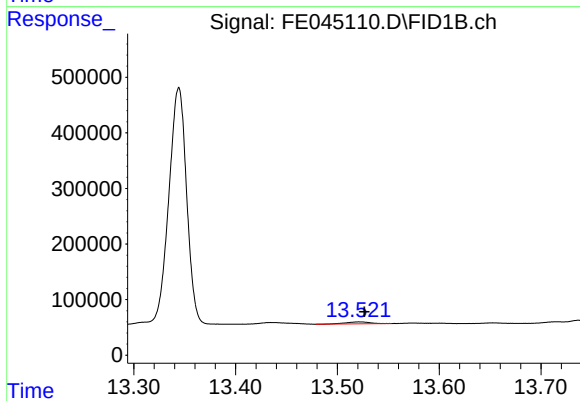
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 6686615
Conc: 33.36 ug/ml



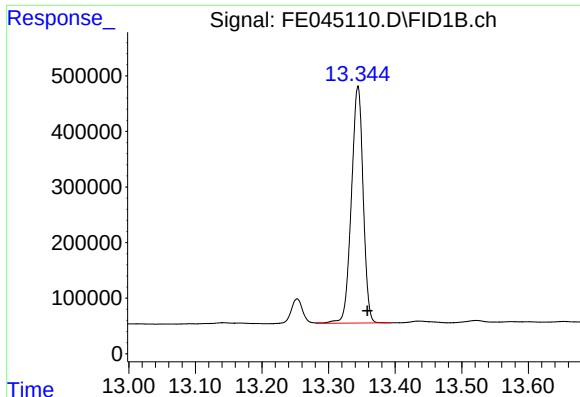
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: 0.041 min
Response: 669098
Conc: 4.01 ug/ml



#11 n-Heneicosane (C21)

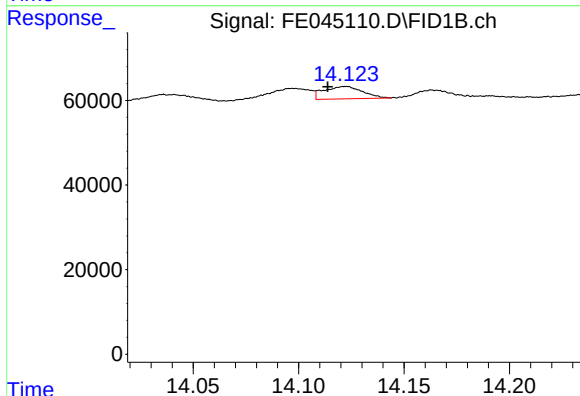
R.T.: 13.522 min
Delta R.T.: -0.004 min
Response: 58767
Conc: 0.36 ug/ml



#12 1-chlorooctadecane (SURR)

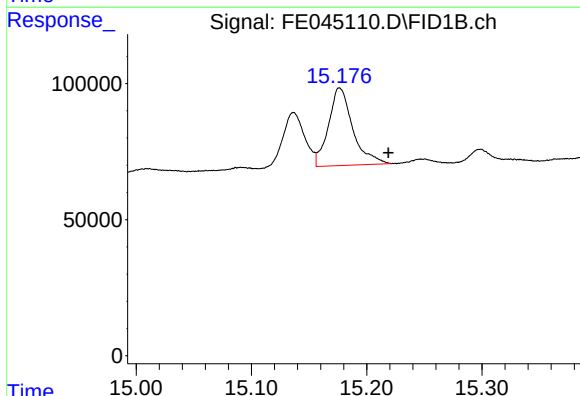
R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 5221031
Conc: 35.28 ug/ml

Instrument :
FID_E
ClientSampleId :



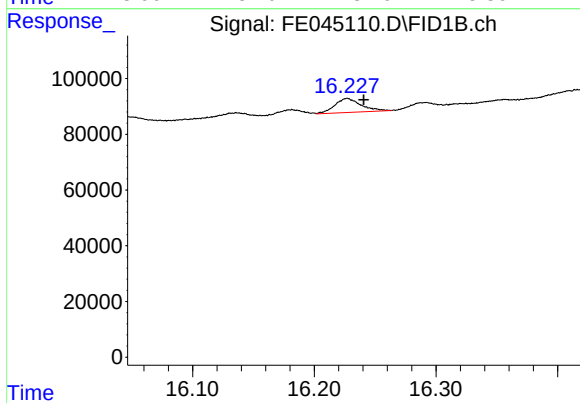
#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: 0.008 min
Response: 37369
Conc: 0.23 ug/ml



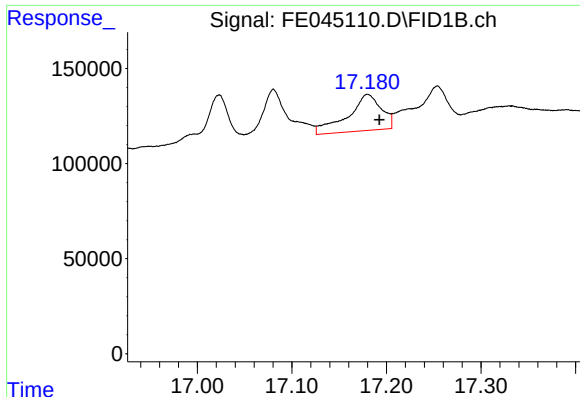
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.042 min
Response: 419514
Conc: 2.70 ug/ml



#15 n-Hexacosane (C26)

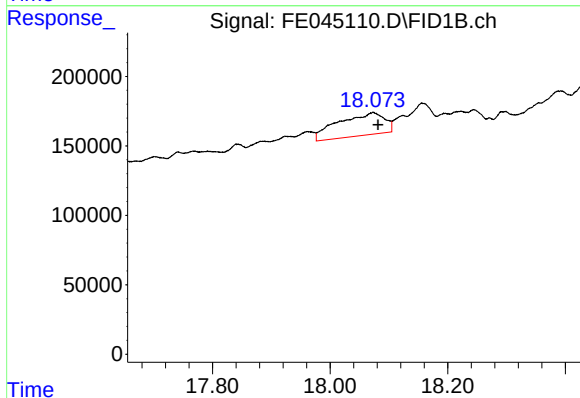
R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 75852
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

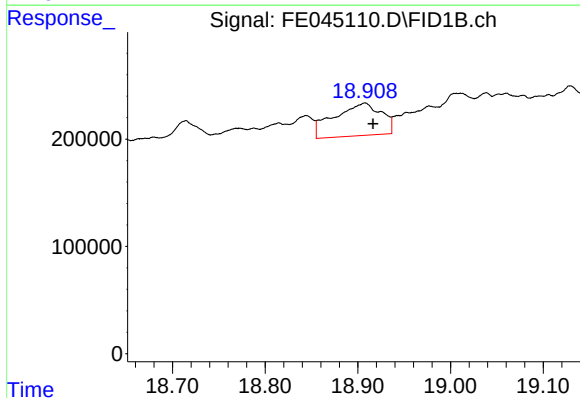
R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 471862
Conc: 3.21 ug/ml

Instrument :
FID_E
ClientSampleId :



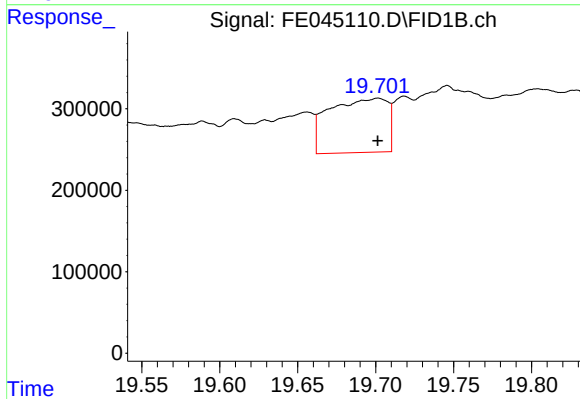
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.008 min
Response: 888952
Conc: 5.98 ug/ml



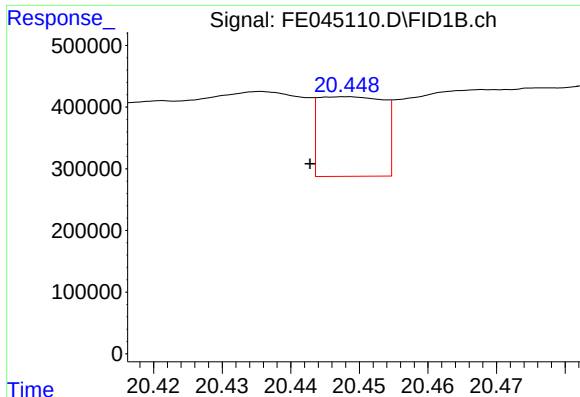
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.008 min
Response: 1072739
Conc: 7.15 ug/ml



#19 n-Tetratriacontane (C34)

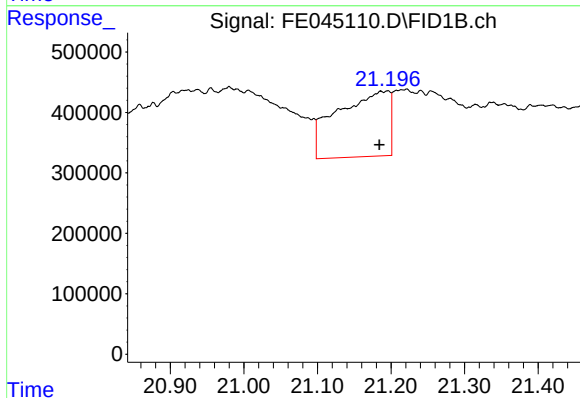
R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 1731380
Conc: 11.63 ug/ml



#20 n-Hexatriacontane (C36)

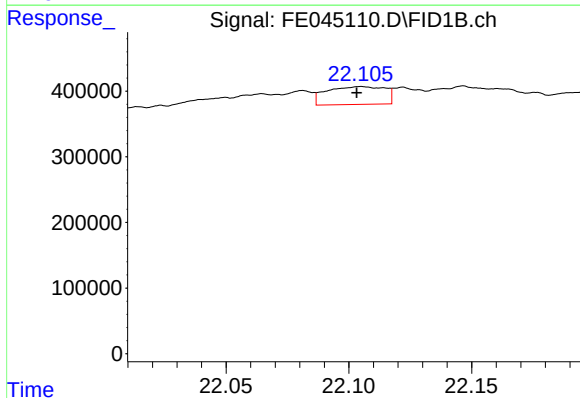
R.T.: 20.448 min
Delta R.T.: 0.005 min
Response: 846367
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.012 min
Response: 5332216
Conc: 34.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.002 min
Response: 449818
Conc: 2.69 ug/ml