

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046110.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 09:40
 Operator : YP\AJ
 Sample : P1054-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 10 02:35:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

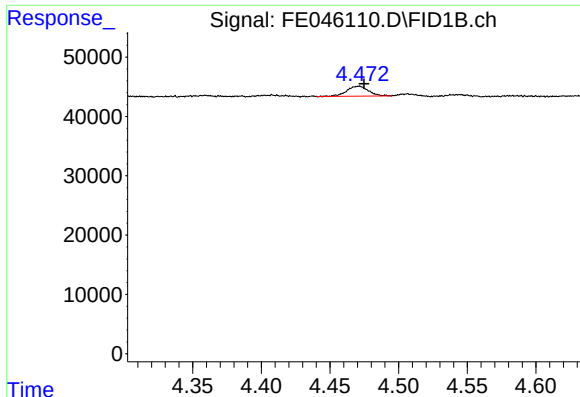
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.834	1303776	7.174 ug/ml
Spiked Amount 50.000		Recovery =	14.35%
12) S 1-chlorooctadecane (S...	13.270	12800334	95.803 ug/ml
Spiked Amount 50.000		Recovery =	191.61%
Target Compounds			
2) T n-Decane (C10)	4.471	18263	0.118 ug/ml
4) T n-Dodecane (C12)	6.638	138889	0.890 ug/ml
5) T A~2-methylnaphthalene...	7.274	47183	0.296 ug/ml
6) T n-Tetradecane (C14)	8.465	247757	1.591 ug/ml
7) T n-Hexadecane (C16)	10.075	267610	1.690 ug/ml
8) T n-Octadecane (C18)	11.520	236657	1.504 ug/ml
10) T n-Eicosane (C20)	12.832	162846	1.076 ug/ml
11) T n-Heneicosane (C21)	13.446	143416	0.975 ug/ml
13) T n-Docosane (C22)	14.033	75616	0.517 ug/ml
14) T n-Tetracosane (C24)	15.140	50564	0.349 ug/ml
15) T n-Hexacosane (C26)	16.165	26761	0.187 ug/ml
16) T n-Octacosane (C28)	17.118	24344	0.170 ug/ml
17) T n-Tricontane (C30)	18.007	55797	0.375 ug/ml
18) T n-Dotriacontane (C32)	18.843	55754	0.373 ug/ml
19) T n-Tetratriacontane (C34)	19.633	27636	0.193 ug/ml
20) T n-Hexatriacontane (C36)	20.383	16832	0.115 ug/ml
22) T n-Tetracontane (C40)	21.988	6888	0.044 ug/ml

(f)=RT Delta > 1/2 Window

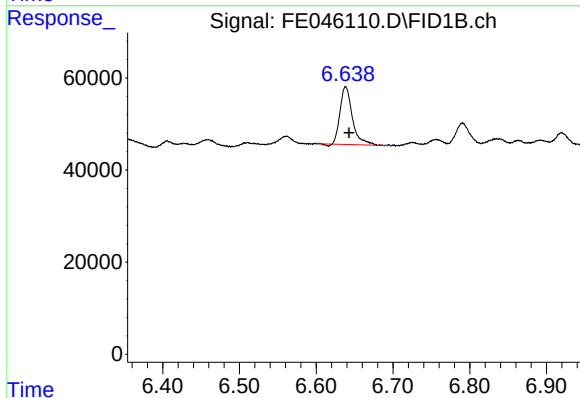
(m)=manual int.



#2 n-Decane (C10)

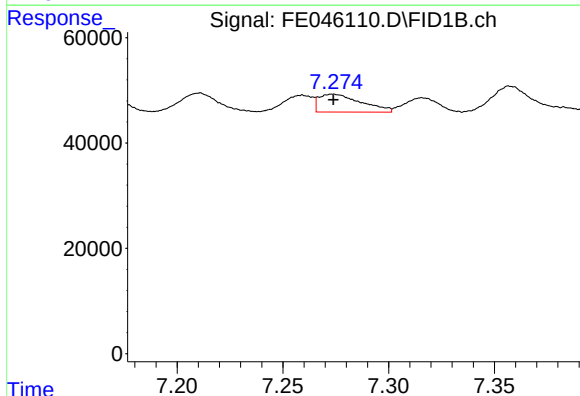
R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 18263
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



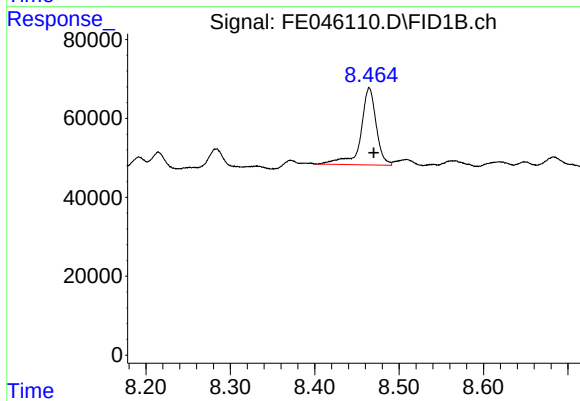
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 138889
Conc: 0.89 ug/ml



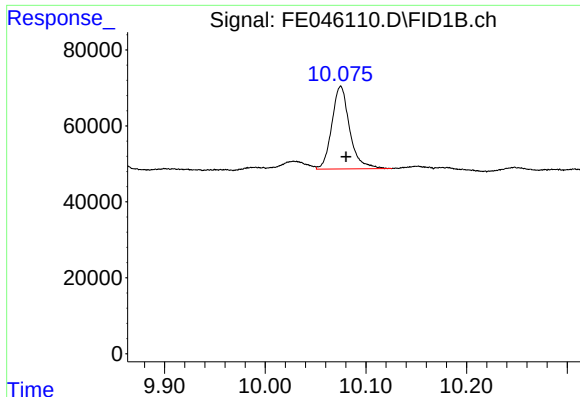
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 47183
Conc: 0.30 ug/ml



#6 n-Tetradecane (C14)

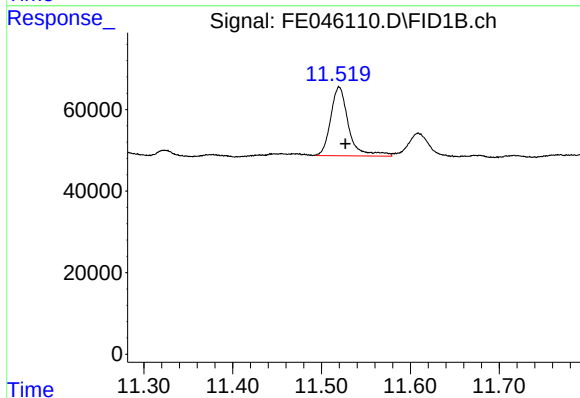
R.T.: 8.465 min
Delta R.T.: -0.005 min
Response: 247757
Conc: 1.59 ug/ml



#7 n-Hexadecane (C16)

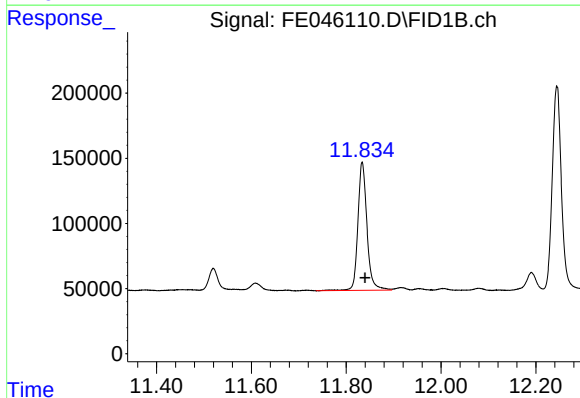
R.T.: 10.075 min
Delta R.T.: -0.005 min
Response: 267610
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :



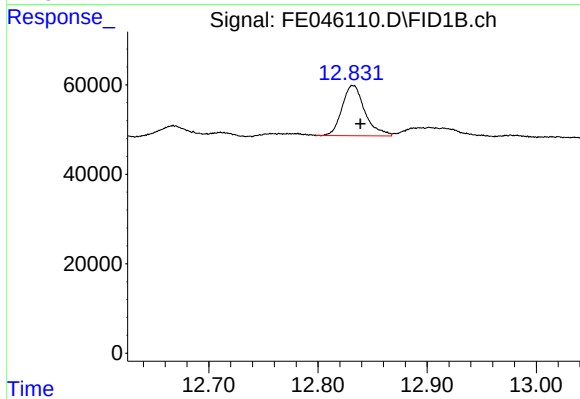
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.007 min
Response: 236657
Conc: 1.50 ug/ml



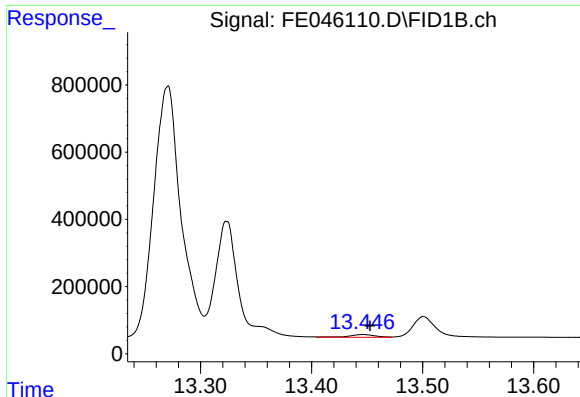
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.007 min
Response: 1303776
Conc: 7.17 ug/ml



#10 n-Eicosane (C20)

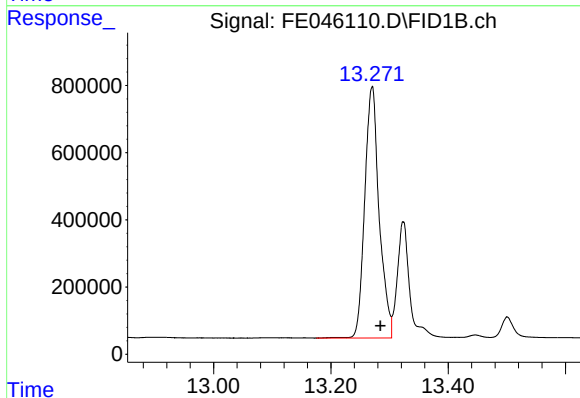
R.T.: 12.832 min
Delta R.T.: -0.007 min
Response: 162846
Conc: 1.08 ug/ml



#11 n-Heneicosane (C21)

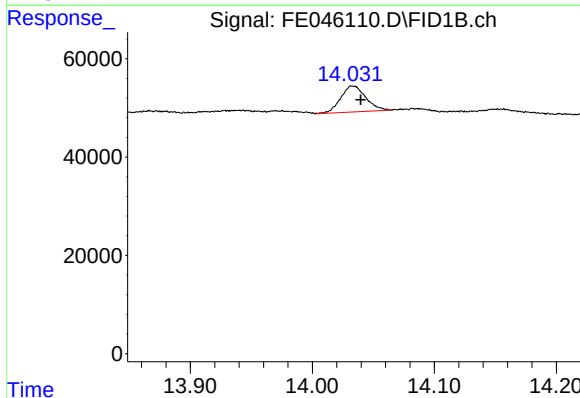
R.T.: 13.446 min
Delta R.T.: -0.006 min
Response: 143416
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



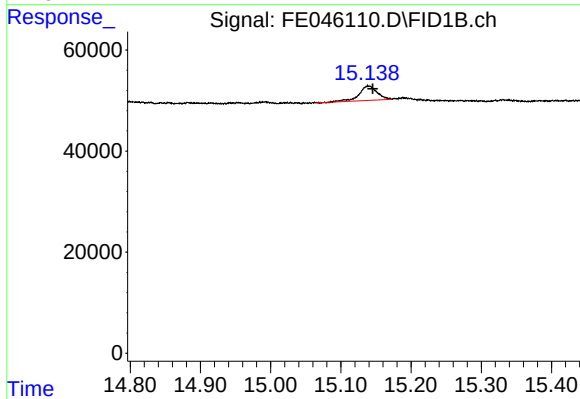
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.014 min
Response: 12800334
Conc: 95.80 ug/ml



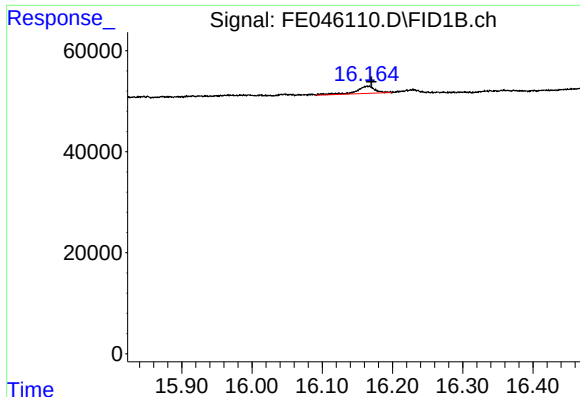
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.006 min
Response: 75616
Conc: 0.52 ug/ml



#14 n-Tetracosane (C24)

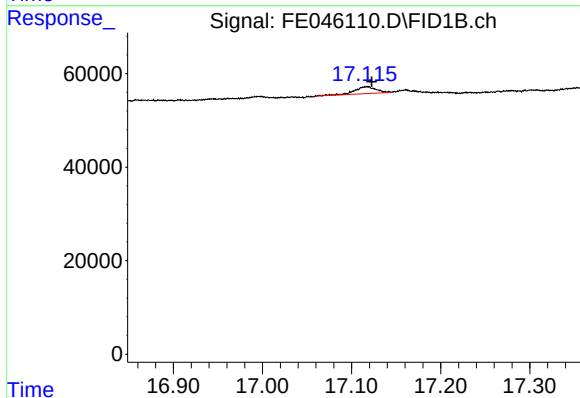
R.T.: 15.140 min
Delta R.T.: -0.006 min
Response: 50564
Conc: 0.35 ug/ml



#15 n-Hexacosane (C26)

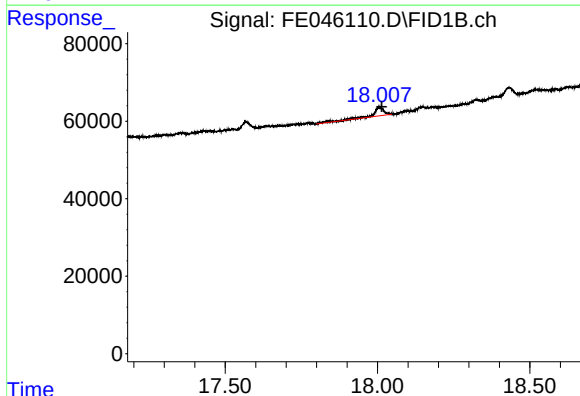
R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 26761
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



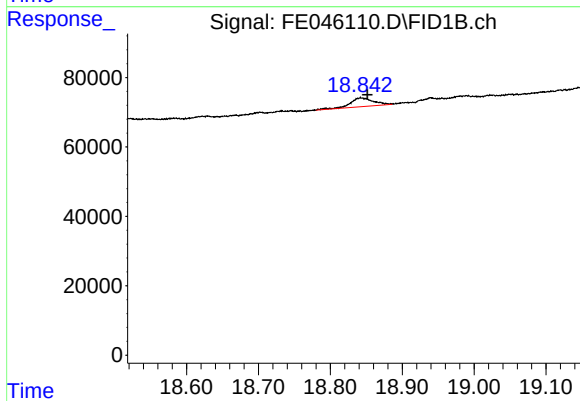
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.005 min
Response: 24344
Conc: 0.17 ug/ml



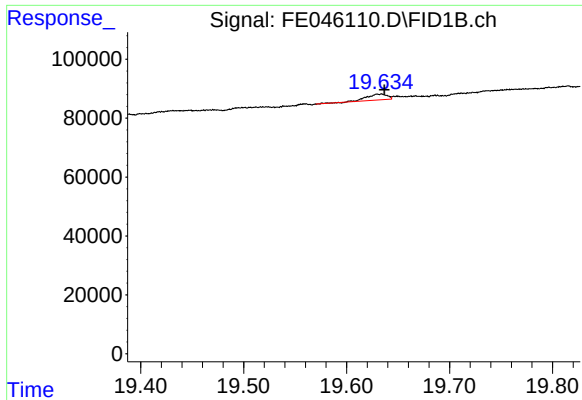
#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.007 min
Response: 55797
Conc: 0.38 ug/ml



#18 n-Dotriacontane (C32)

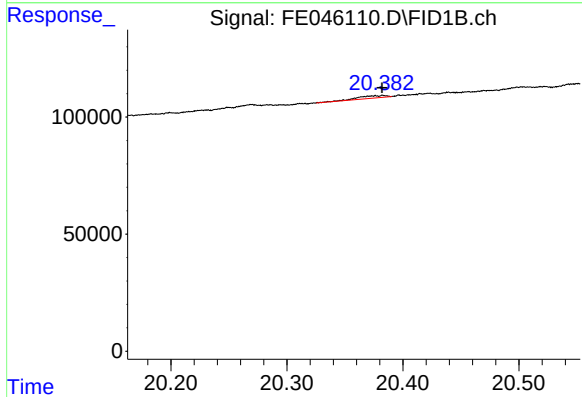
R.T.: 18.843 min
Delta R.T.: -0.009 min
Response: 55754
Conc: 0.37 ug/ml



#19 n-Tetratriacontane (C34)

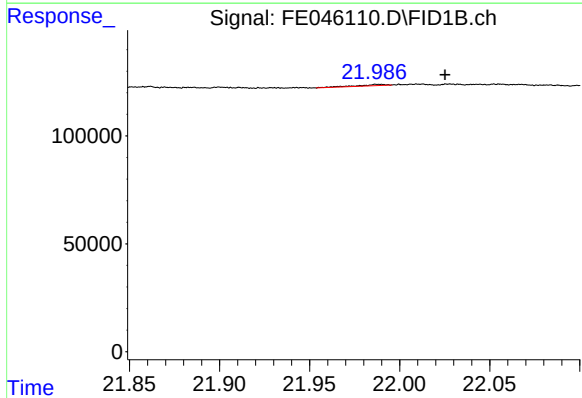
R.T.: 19.633 min
Delta R.T.: -0.003 min
Response: 27636
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.001 min
Response: 16832
Conc: 0.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.037 min
Response: 6888
Conc: 0.04 ug/ml