

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046195.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 17:40
 Operator : YP\AJ
 Sample : P1107-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:37:31 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

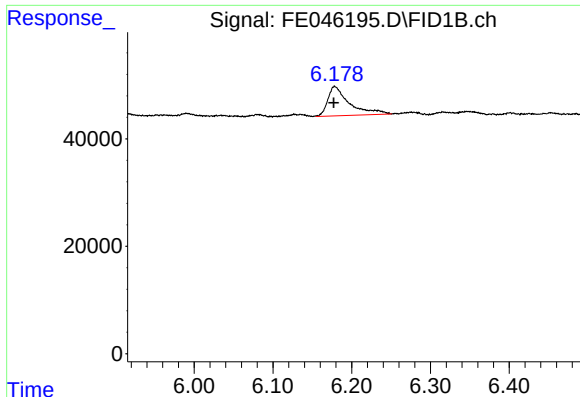
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.831	5247016	28.873 ug/ml
Spiked Amount 50.000		Recovery =	57.75%
12) S 1-chlorooctadecane (S...	13.276	5247538	39.275 ug/ml
Spiked Amount 50.000		Recovery =	78.55%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.178	104168	0.626 ug/ml
4) T n-Dodecane (C12)	6.635	31734	0.203 ug/ml
5) T A~2-methylnaphthalene...	7.274	61958	0.389 ug/ml
6) T n-Tetradecane (C14)	8.460	78880	0.506 ug/ml
7) T n-Hexadecane (C16)	10.071	181078	1.143 ug/ml
8) T n-Octadecane (C18)	11.515	94372	0.600 ug/ml
10) T n-Eicosane (C20)	12.827	334550	2.211 ug/ml
11) T n-Heneicosane (C21)	13.439	160367	1.091 ug/ml
13) T n-Docosane (C22)	14.028	287960	1.970 ug/ml
14) T n-Tetracosane (C24)	15.126	2697823	18.601 ug/ml
15) T n-Hexacosane (C26)	16.159	243907	1.701 ug/ml
17) T n-Tricontane (C30)	18.003	640710	4.311 ug/ml
18) T n-Dotriacontane (C32)	18.837	560731	3.749 ug/ml
19) T n-Tetratriacontane (C34)	19.640	486936	3.399 ug/ml
20) T n-Hexatriacontane (C36)	20.375	156567	1.074 ug/ml
21) T n-Octatriacontane (C38)	21.095	338957	2.299 ug/ml
22) T n-Tetracontane (C40)	22.025	649715	4.151 ug/ml

(f)=RT Delta > 1/2 Window

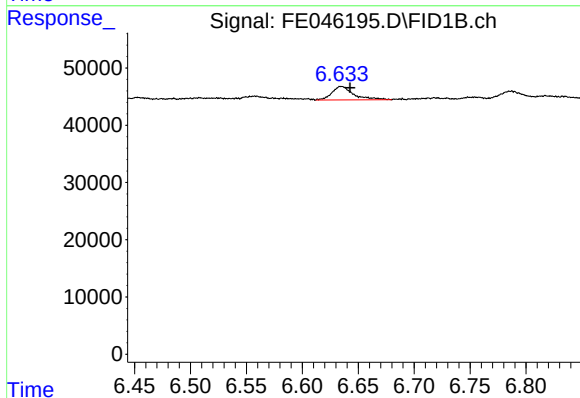
(m)=manual int.



#3 A~Naphthalene (C11.7)

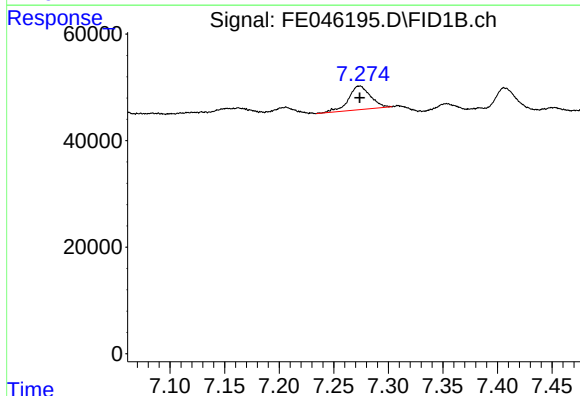
R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 104168
Conc: 0.63 ug/ml

Instrument :
FID_E
ClientSampleId :



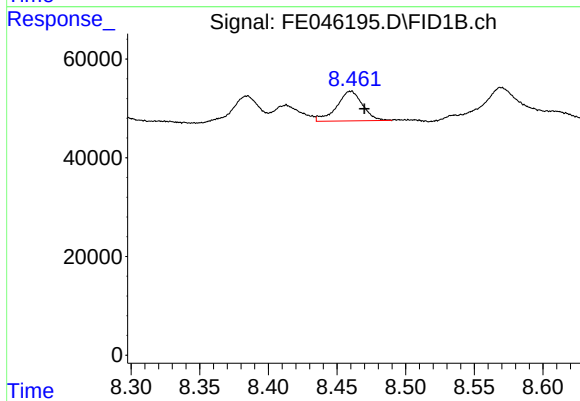
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 31734
Conc: 0.20 ug/ml



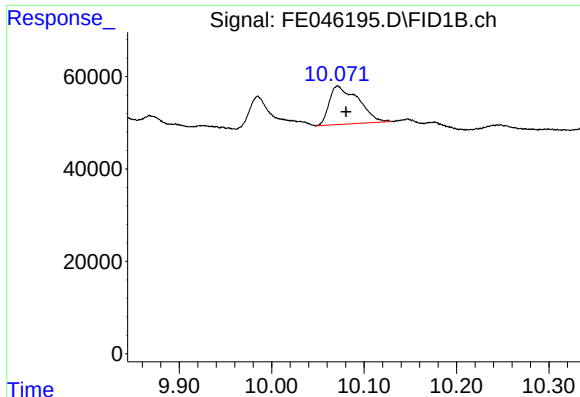
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 61958
Conc: 0.39 ug/ml



#6 n-Tetradecane (C14)

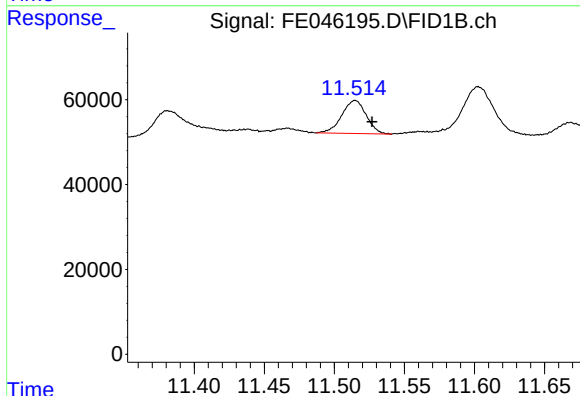
R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 78880
Conc: 0.51 ug/ml



#7 n-Hexadecane (C16)

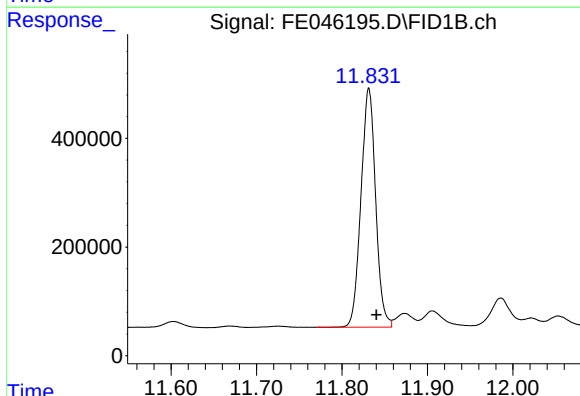
R.T.: 10.071 min
Delta R.T.: -0.009 min
Response: 181078
Conc: 1.14 ug/ml

Instrument :
FID_E
ClientSampleId :



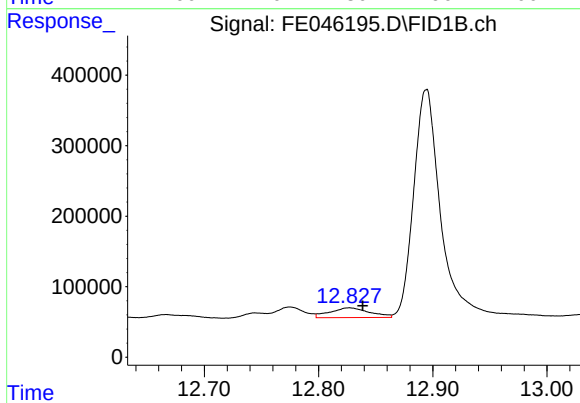
#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.012 min
Response: 94372
Conc: 0.60 ug/ml



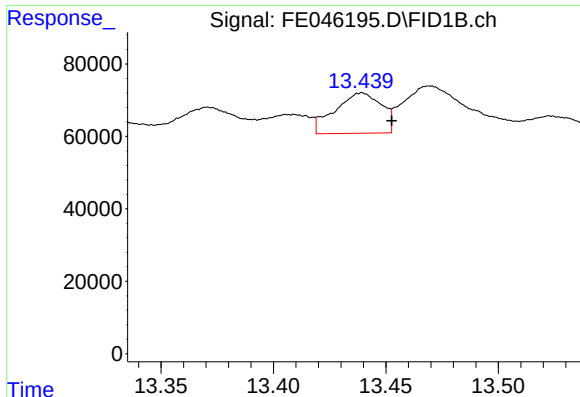
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.009 min
Response: 5247016
Conc: 28.87 ug/ml



#10 n-Eicosane (C20)

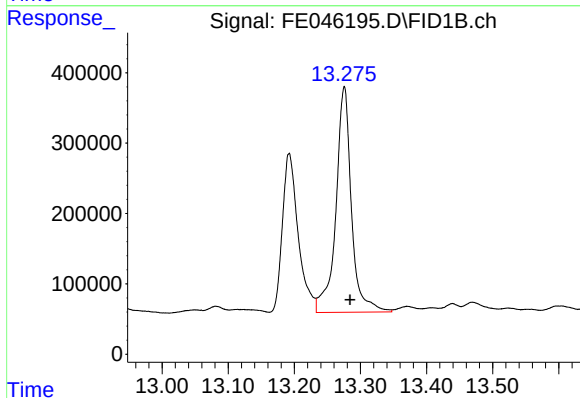
R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 334550
Conc: 2.21 ug/ml



#11 n-Heneicosane (C21)

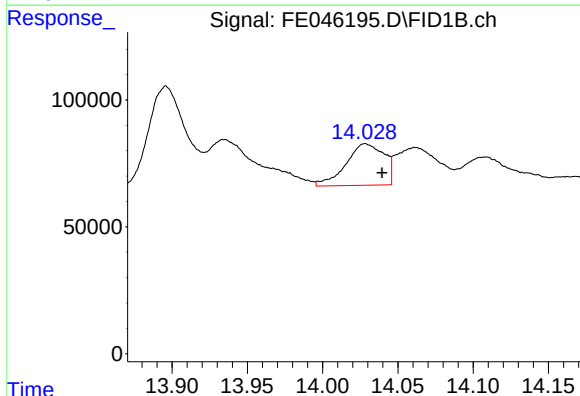
R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 160367
Conc: 1.09 ug/ml

Instrument :
FID_E
ClientSampleId :



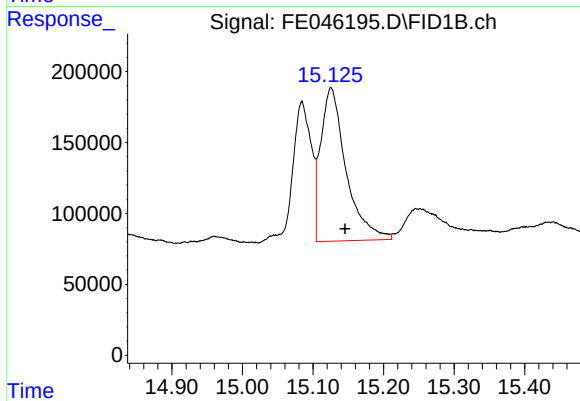
#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.009 min
Response: 5247538
Conc: 39.27 ug/ml



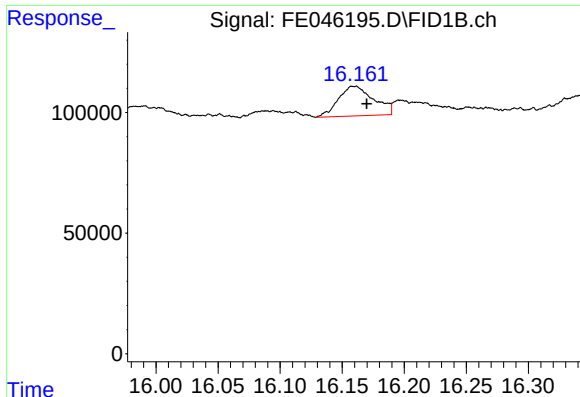
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.011 min
Response: 287960
Conc: 1.97 ug/ml



#14 n-Tetracosane (C24)

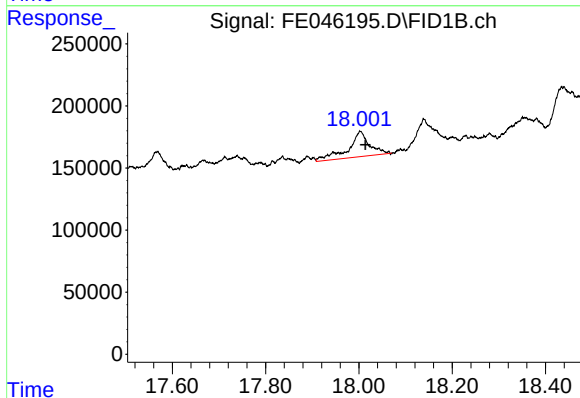
R.T.: 15.126 min
Delta R.T.: -0.020 min
Response: 2697823
Conc: 18.60 ug/ml



#15 n-Hexacosane (C26)

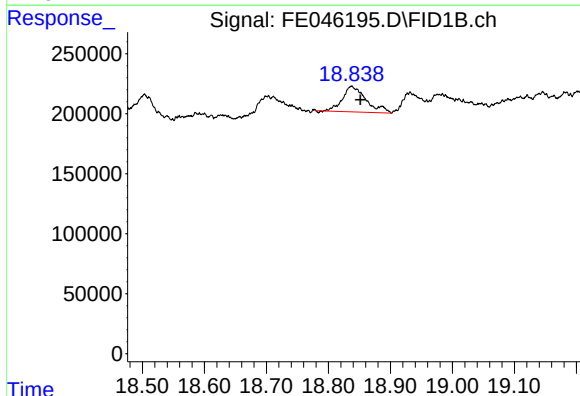
R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 243907
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



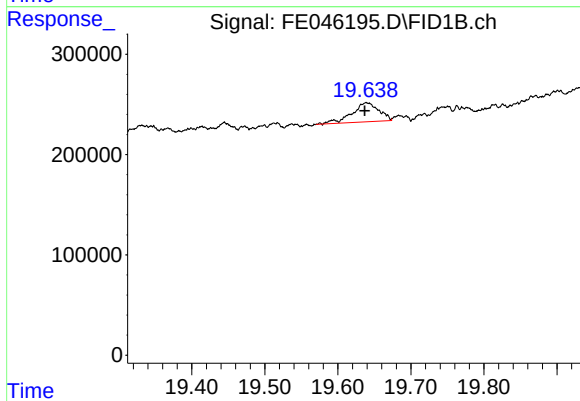
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.011 min
Response: 640710
Conc: 4.31 ug/ml



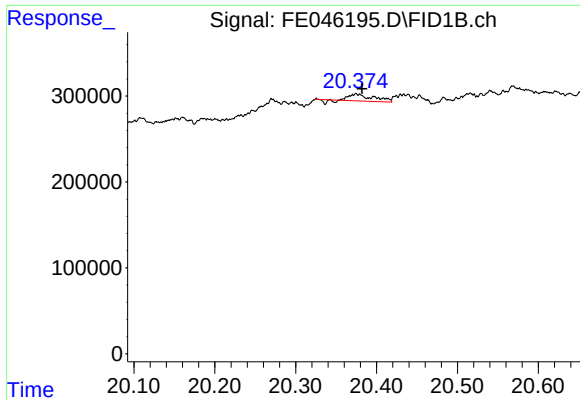
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 560731
Conc: 3.75 ug/ml



#19 n-Tetratriacontane (C34)

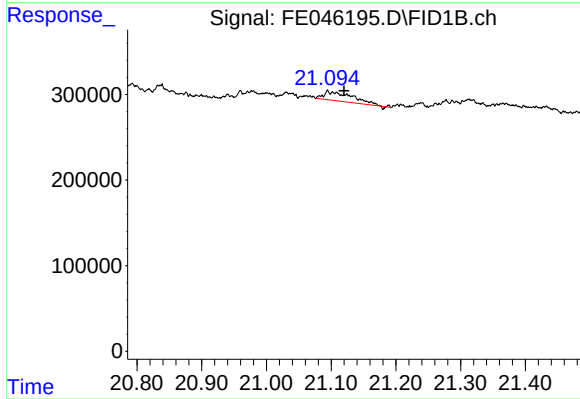
R.T.: 19.640 min
Delta R.T.: 0.003 min
Response: 486936
Conc: 3.40 ug/ml



#20 n-Hexatriacontane (C36)

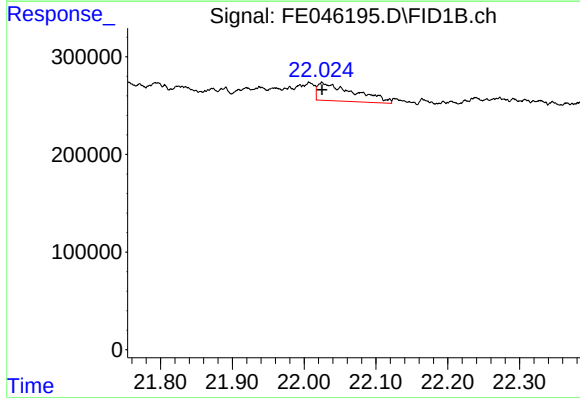
R.T.: 20.375 min
Delta R.T.: -0.007 min
Response: 156567
Conc: 1.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.024 min
Response: 338957
Conc: 2.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.000 min
Response: 649715
Conc: 4.15 ug/ml