

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041223AL\
 Data File : FE041322.D
 Signal(s) : FID1B.ch
 Acq On : 12 Apr 2023 10:17
 Operator : YP\AJ
 Sample : 02269-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 01:10:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.891	268926	1.431 ug/ml
Spiked Amount 50.000		Recovery =	2.86%
12) S 1-chlorooctadecane (S...	13.323	120898	0.840 ug/ml
Spiked Amount 50.000		Recovery =	1.68%
Target Compounds			
6) T n-Tetradecane (C14)	8.474	42516	0.244 ug/ml
7) T n-Hexadecane (C16)	10.124	189233	1.064 ug/ml
8) T n-Octadecane (C18)	11.522	385343	2.158 ug/ml
10) T n-Eicosane (C20)	12.864	30648	0.180 ug/ml
11) T n-Heneicosane (C21)	13.489	202008	1.194 ug/ml
13) T n-Docosane (C22)	14.081	110125	0.665 ug/ml
14) T n-Tetracosane (C24)	15.142	411243	2.542 ug/ml
15) T n-Hexacosane (C26)	16.215	33273	0.215 ug/ml
16) T n-Octacosane (C28)	17.181	147971	0.966 ug/ml
17) T n-Tricontane (C30)	17.994	48709	0.319 ug/ml
19) T n-Tetratriacontane (C34)	19.635	64495	0.416 ug/ml
20) T n-Hexatriacontane (C36)	20.394	40935	0.269 ug/ml

(f)=RT Delta > 1/2 Window

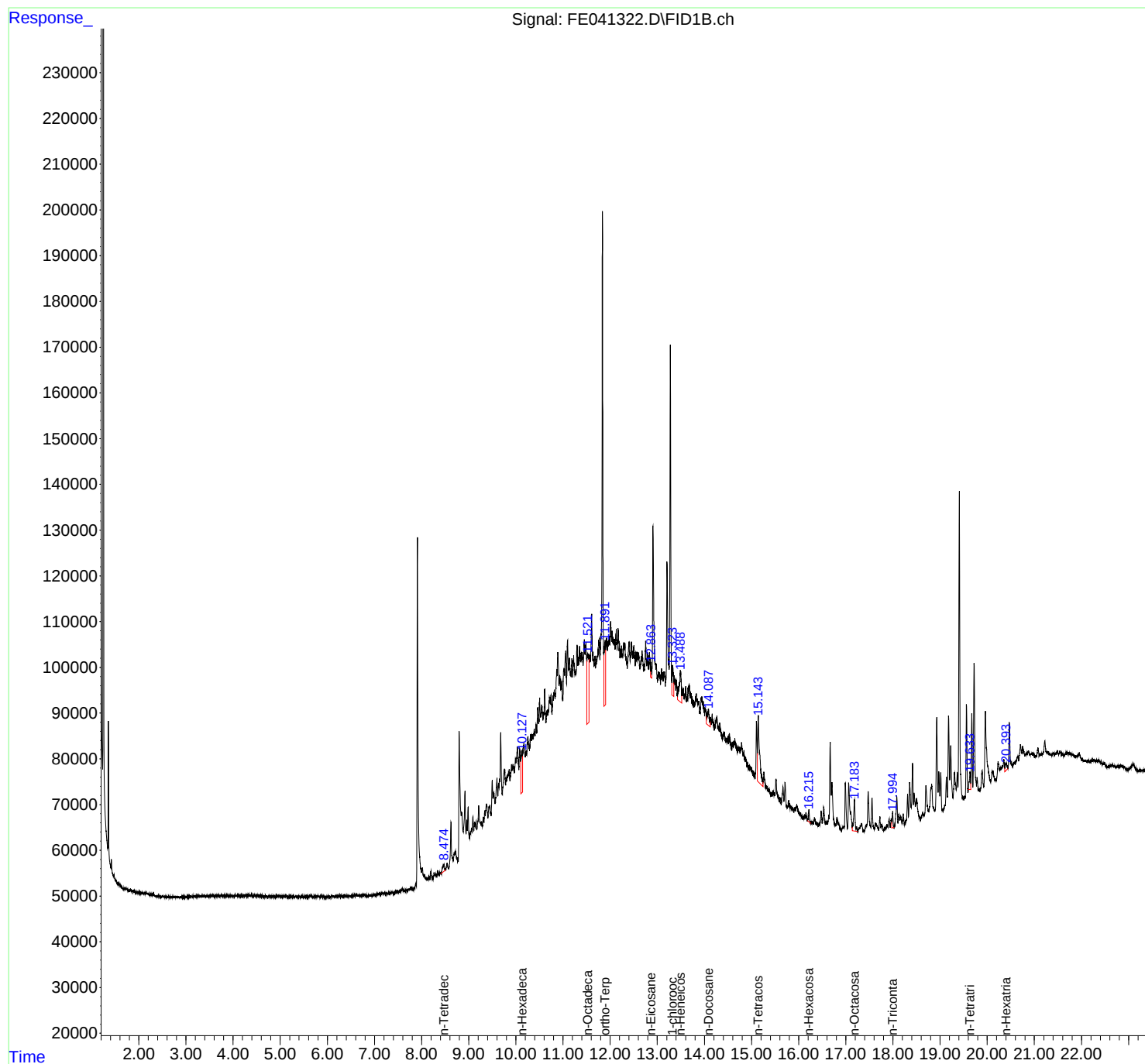
(m)=manual int.

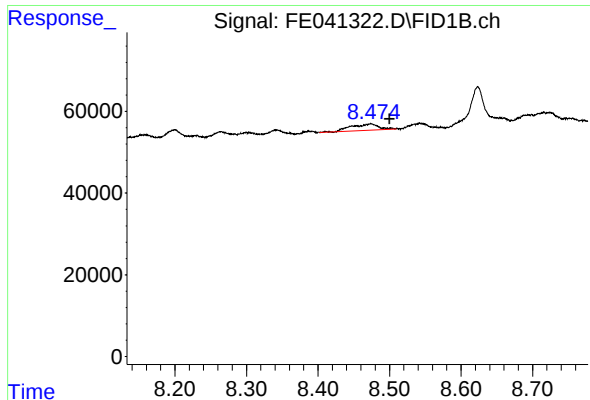
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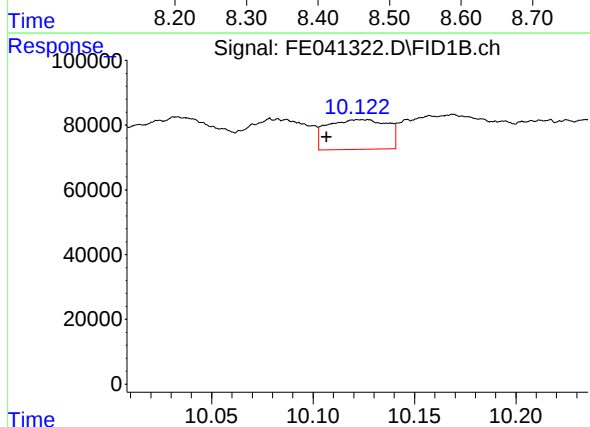




#6 n-Tetradecane (C14)

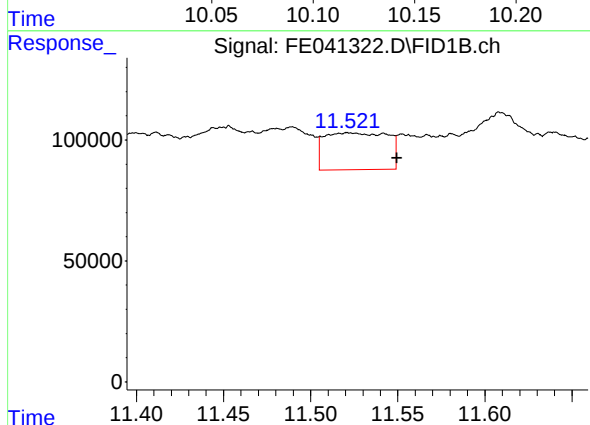
R.T.: 8.474 min
Delta R.T.: -0.026 min
Response: 42516
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



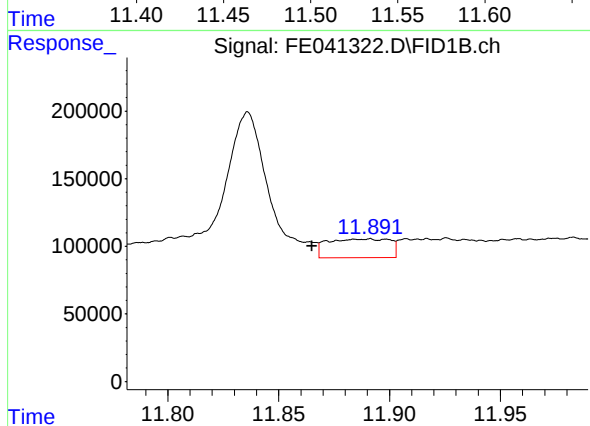
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.017 min
Response: 189233
Conc: 1.06 ug/ml



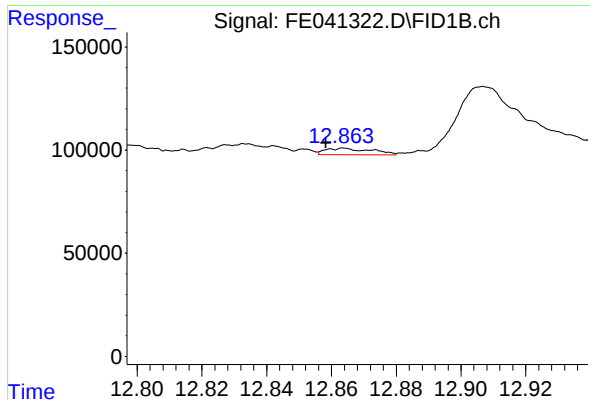
#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.028 min
Response: 385343
Conc: 2.16 ug/ml



#9 ortho-Terphenyl (SURR)

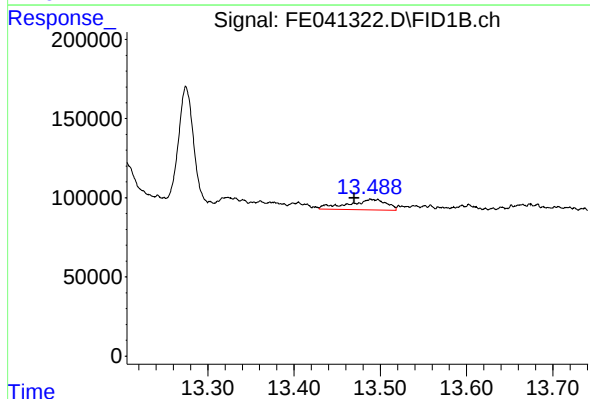
R.T.: 11.891 min
Delta R.T.: 0.026 min
Response: 268926
Conc: 1.43 ug/ml



#10 n-Eicosane (C20)

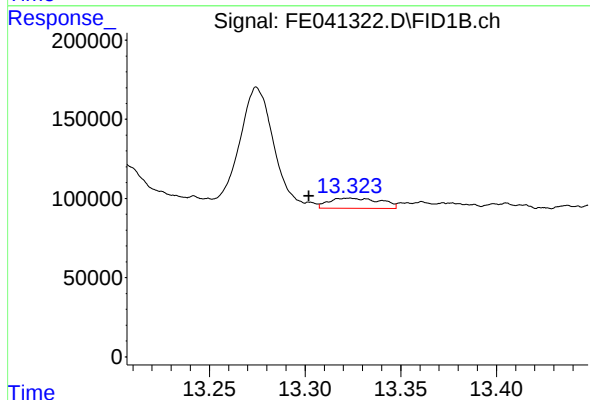
R.T.: 12.864 min
Delta R.T.: 0.006 min
Response: 30648
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



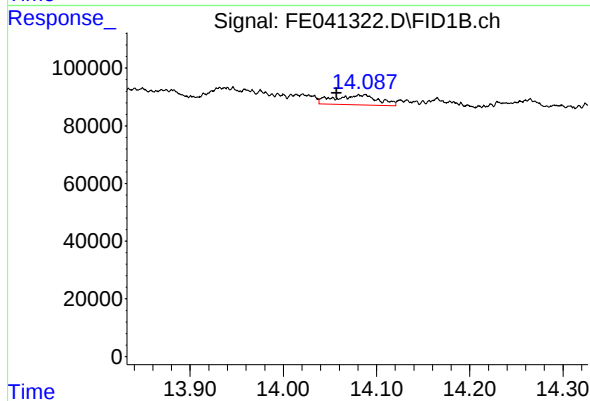
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.019 min
Response: 202008
Conc: 1.19 ug/ml



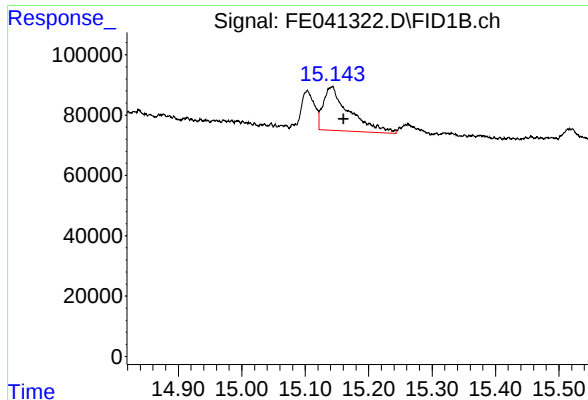
#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.021 min
Response: 120898
Conc: 0.84 ug/ml



#13 n-Docosane (C22)

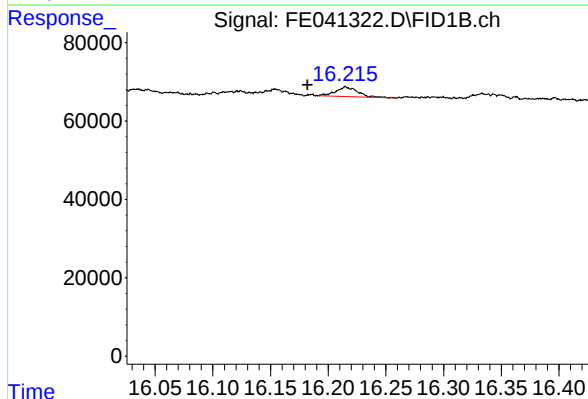
R.T.: 14.081 min
Delta R.T.: 0.024 min
Response: 110125
Conc: 0.67 ug/ml



#14 n-Tetracosane (C24)

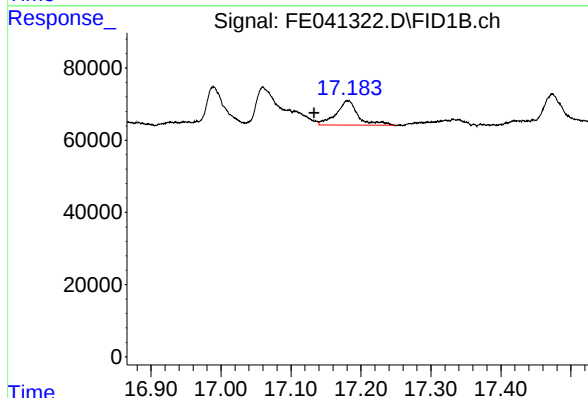
R.T.: 15.142 min
Delta R.T.: -0.018 min
Response: 411243
Conc: 2.54 ug/ml

Instrument :
FID_E
ClientSampleId :



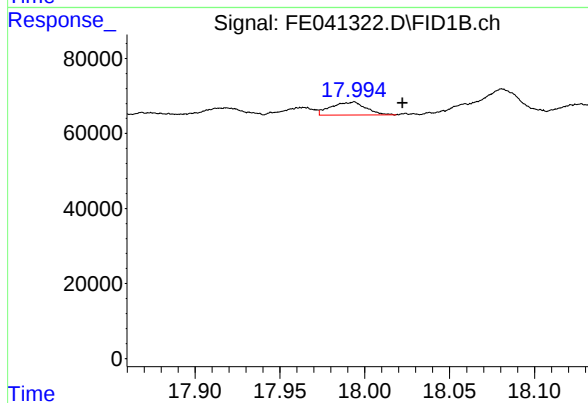
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.033 min
Response: 33273
Conc: 0.21 ug/ml



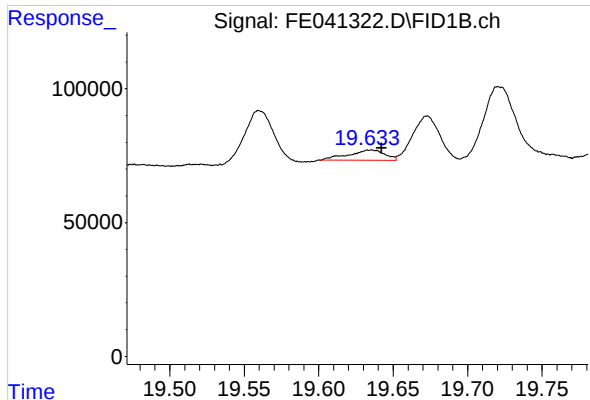
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: 0.048 min
Response: 147971
Conc: 0.97 ug/ml



#17 n-Tricontane (C30)

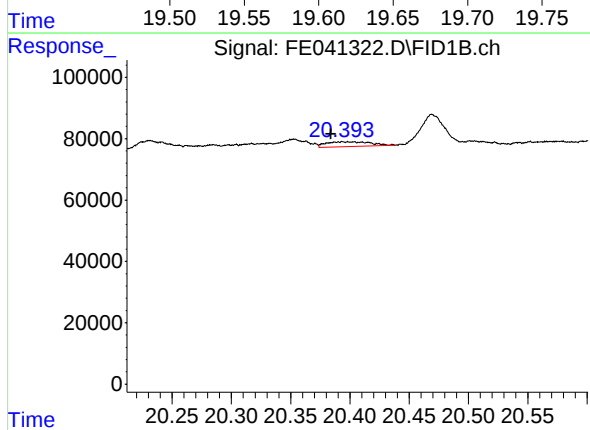
R.T.: 17.994 min
Delta R.T.: -0.029 min
Response: 48709
Conc: 0.32 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.008 min
Response: 64495
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 40935
Conc: 0.27 ug/ml