

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049830.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 21:27
 Operator : YP\AJ
 Sample : P3751-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 01:31:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

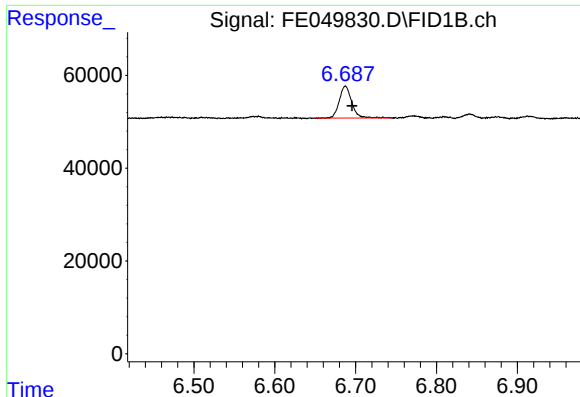
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.875	5325776	32.934 ug/ml
Spiked Amount 50.000		Recovery =	65.87%
12) S 1-chlorooctadecane (S...	13.352	8940229	73.277 ug/ml
Spiked Amount 50.000		Recovery =	146.55%
Target Compounds			
4) T n-Dodecane (C12)	6.687	73099	0.465 ug/ml
6) T n-Tetradecane (C14)	8.514	100181	0.649 ug/ml
7) T n-Hexadecane (C16)	10.122	138222	0.885 ug/ml
8) T n-Octadecane (C18)	11.573	1055228	6.719 ug/ml
11) T n-Heneicosane (C21)	13.495	4969310	33.875 ug/ml
13) T n-Docosane (C22)	14.099	1820979	12.494 ug/ml
14) T n-Tetracosane (C24)	15.145	92305088	634.549 ug/ml
16) T n-Octacosane (C28)	17.143	192158	1.334 ug/ml
17) T n-Tricontane (C30)	18.027	340668	2.276 ug/ml
18) T n-Dotriacontane (C32)	18.874	219489	1.451 ug/ml
19) T n-Tetratriacontane (C34)	19.663	442056	2.892 ug/ml
20) T n-Hexatriacontane (C36)	20.378	65242	0.430 ug/ml
22) T n-Tetracontane (C40)	21.978	123077	0.806 ug/ml

(f)=RT Delta > 1/2 Window

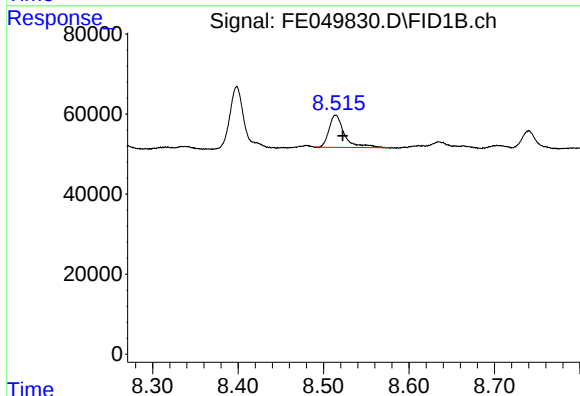
(m)=manual int.



#4 n-Dodecane (C12)

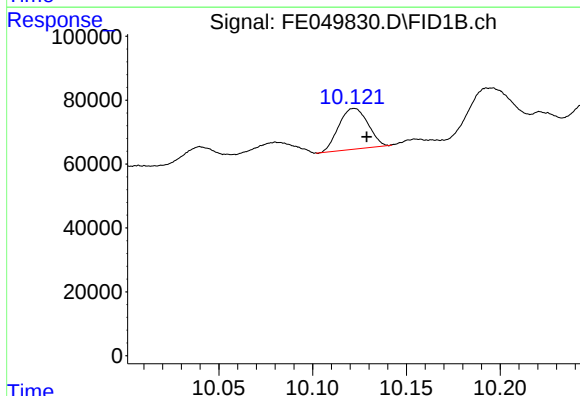
R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 73099
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



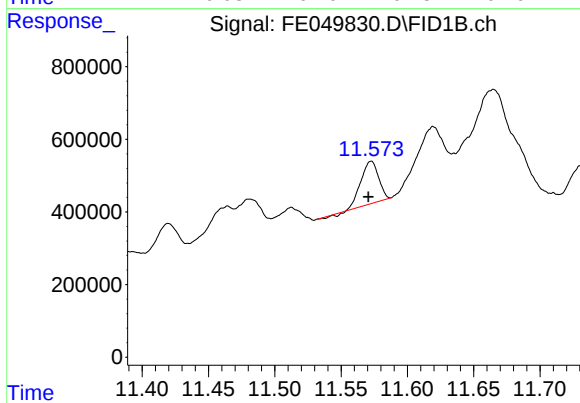
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.008 min
Response: 100181
Conc: 0.65 ug/ml



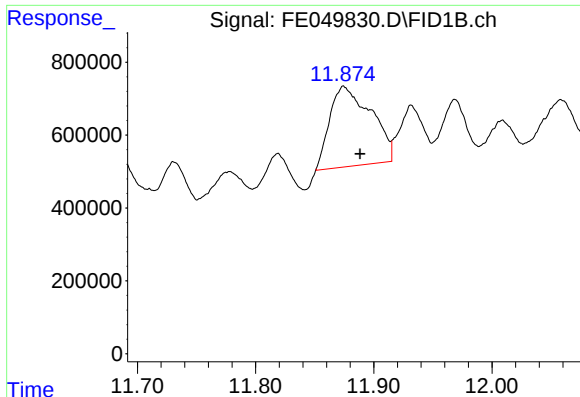
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.007 min
Response: 138222
Conc: 0.89 ug/ml



#8 n-Octadecane (C18)

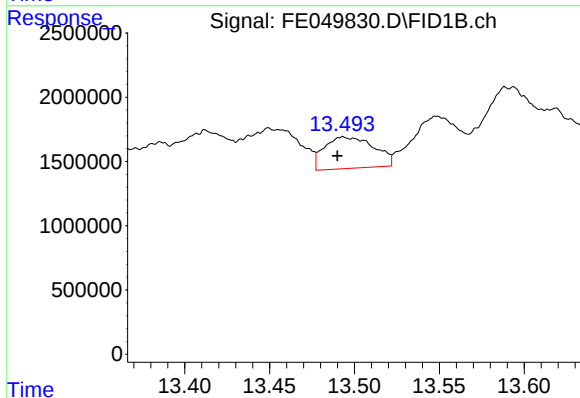
R.T.: 11.573 min
Delta R.T.: 0.002 min
Response: 1055228
Conc: 6.72 ug/ml



#9 ortho-Terphenyl (SURR)

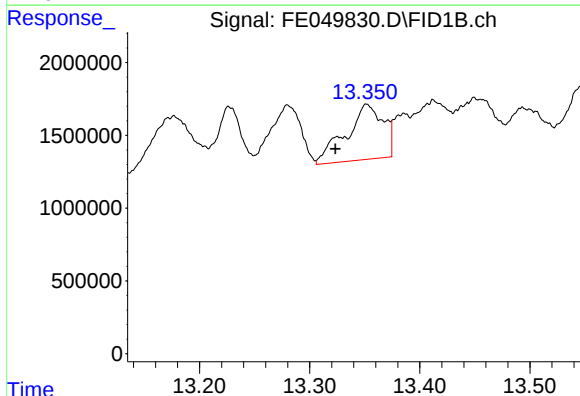
R.T.: 11.875 min
Delta R.T.: -0.013 min
Response: 5325776
Conc: 32.93 ug/ml

Instrument :
FID_E
ClientSampleId :



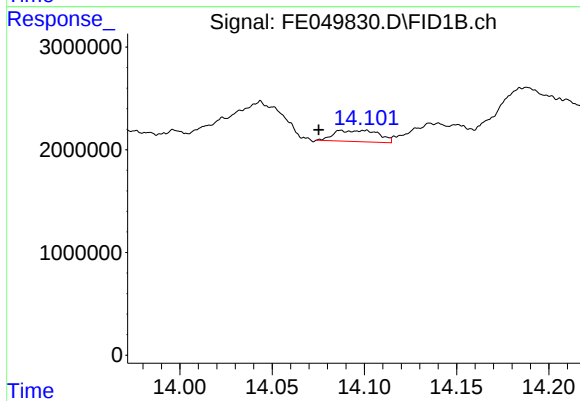
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: 0.005 min
Response: 4969310
Conc: 33.87 ug/ml



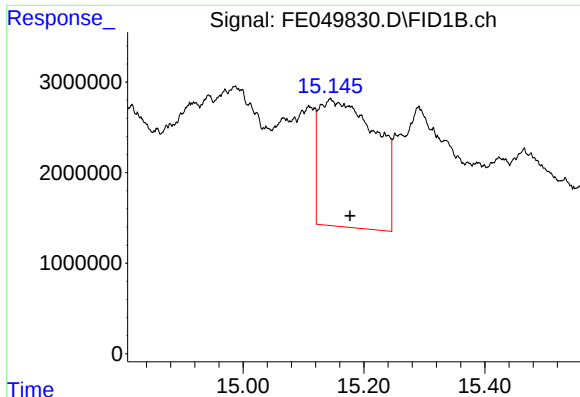
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: 0.029 min
Response: 8940229
Conc: 73.28 ug/ml



#13 n-Docosane (C22)

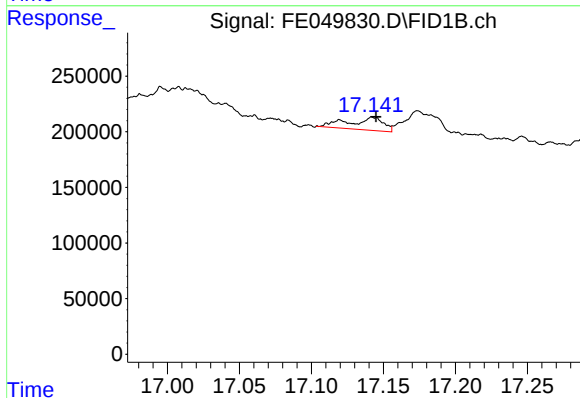
R.T.: 14.099 min
Delta R.T.: 0.024 min
Response: 1820979
Conc: 12.49 ug/ml



#14 n-Tetracosane (C24)

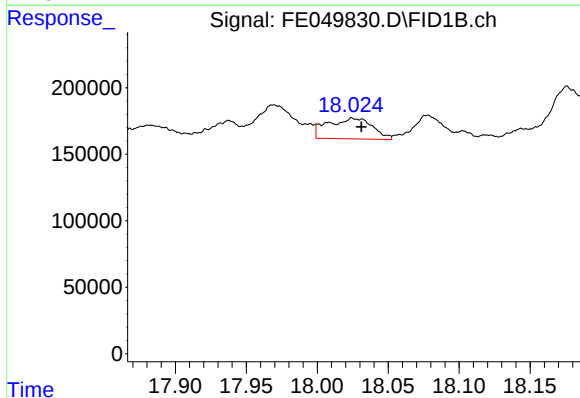
R.T.: 15.145 min
Delta R.T.: -0.032 min
Response: 92305088
Conc: 634.55 ug/ml

Instrument :
FID_E
ClientSampleId :



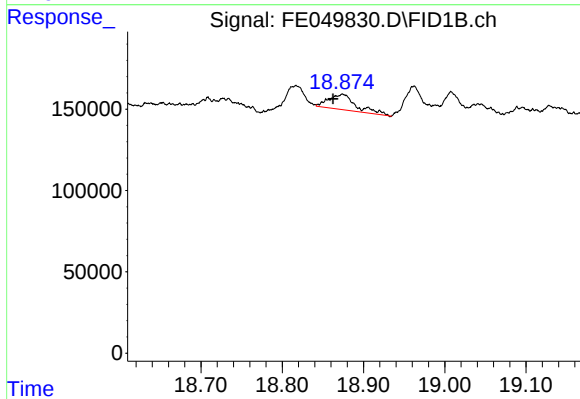
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 192158
Conc: 1.33 ug/ml



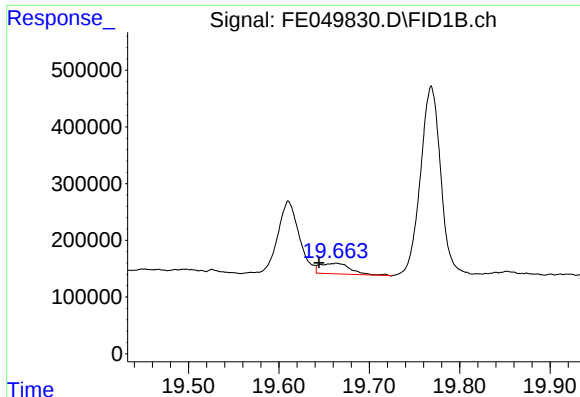
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: -0.004 min
Response: 340668
Conc: 2.28 ug/ml



#18 n-Dotriacontane (C32)

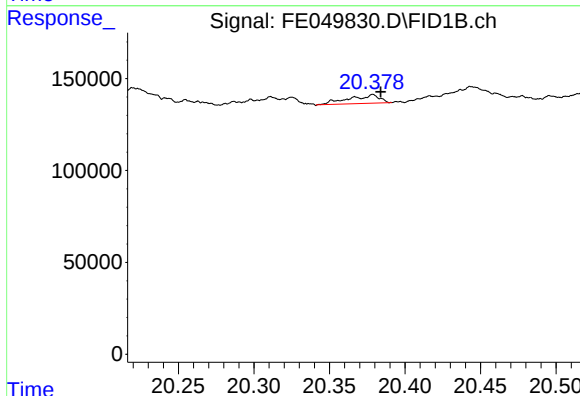
R.T.: 18.874 min
Delta R.T.: 0.012 min
Response: 219489
Conc: 1.45 ug/ml



#19 n-Tetratriacontane (C34)

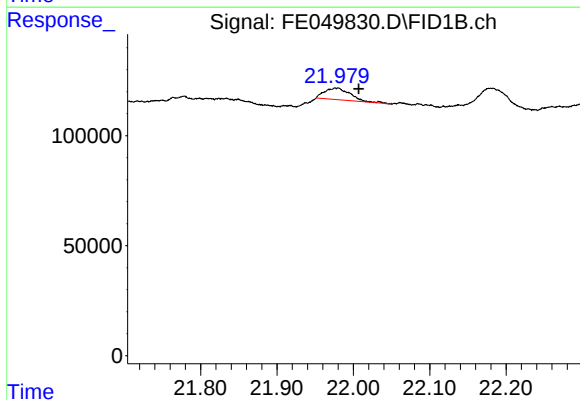
R.T.: 19.663 min
Delta R.T.: 0.019 min
Response: 442056
Conc: 2.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 65242
Conc: 0.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: -0.029 min
Response: 123077
Conc: 0.81 ug/ml