

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048231.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 08:59
 Operator : YP\AJ
 Sample : P2496-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 23:55:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.968	5285336	36.636 ug/ml
Spiked Amount 50.000		Recovery =	73.27%
12) S 1-chlorooctadecane (S...	13.405	1332912	11.929 ug/ml
Spiked Amount 50.000		Recovery =	23.86%
Target Compounds			
6) T n-Tetradecane (C14)	8.600	174047	1.313 ug/ml
7) T n-Hexadecane (C16)	10.213	2194815	15.958 ug/ml
8) T n-Octadecane (C18)	11.675	823942	5.915 ug/ml
10) T n-Eicosane (C20)	12.958	274687	2.040 ug/ml
11) T n-Heneicosane (C21)	13.561	65998	0.499 ug/ml
13) T n-Docosane (C22)	14.171	258423	1.950 ug/ml
16) T n-Octacosane (C28)	17.222	60934	0.458 ug/ml
17) T n-Tricontane (C30)	18.104	89522	0.649 ug/ml
18) T n-Dotriacontane (C32)	18.935	414559	3.001 ug/ml
19) T n-Tetratriacontane (C34)	19.720	281024	2.063 ug/ml
20) T n-Hexatriacontane (C36)	20.493	115875	0.856 ug/ml
21) T n-Octatriacontane (C38)	21.191	71046	0.515 ug/ml

(f)=RT Delta > 1/2 Window

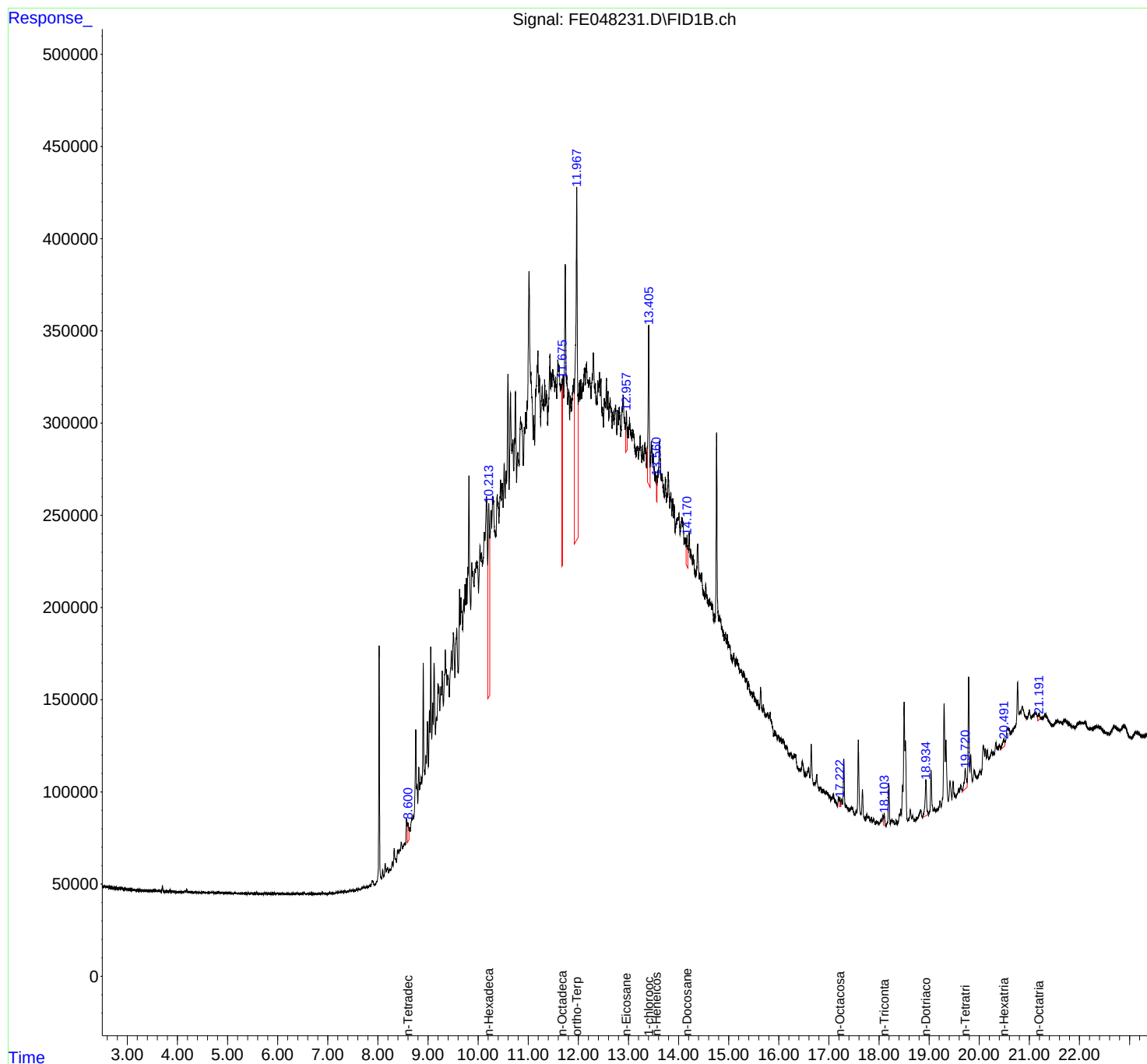
(m)=manual int.

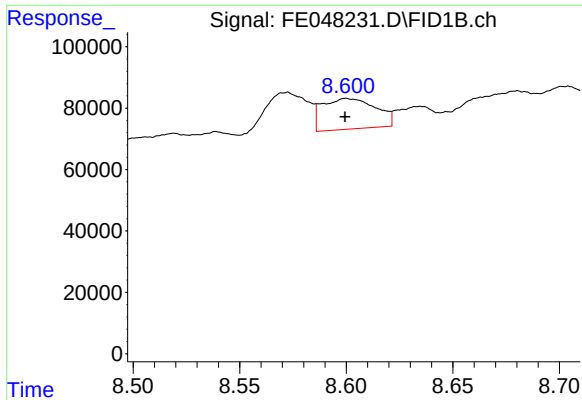
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Signal Info : 20M x 0.18mm x 0.18um

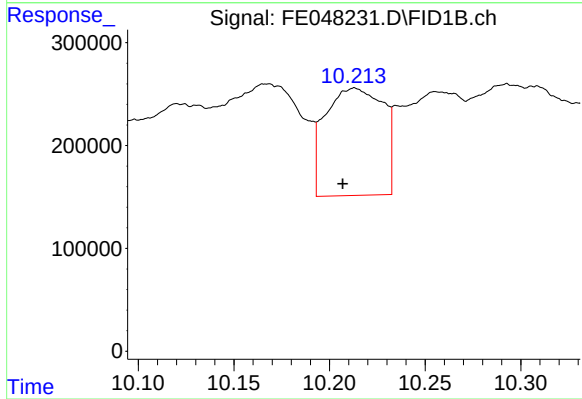




#6 n-Tetradecane (C14)

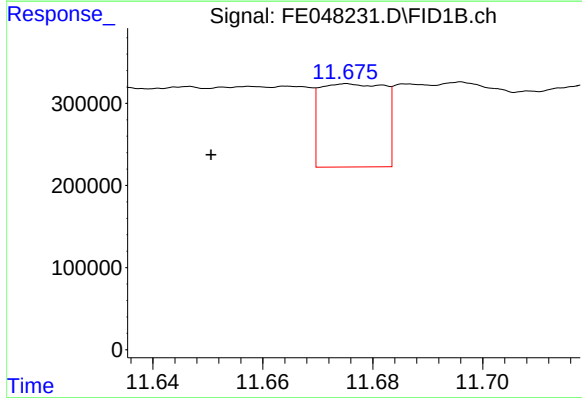
R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 174047
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :



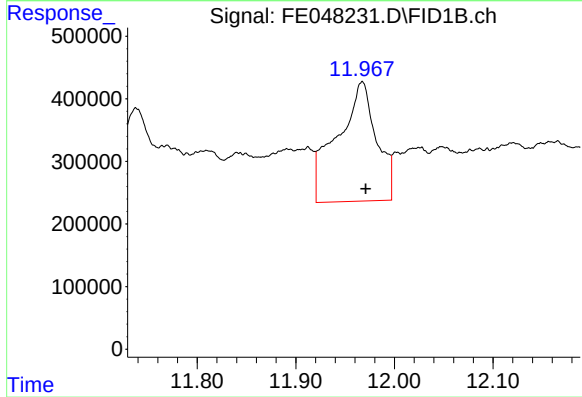
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.006 min
Response: 2194815
Conc: 15.96 ug/ml



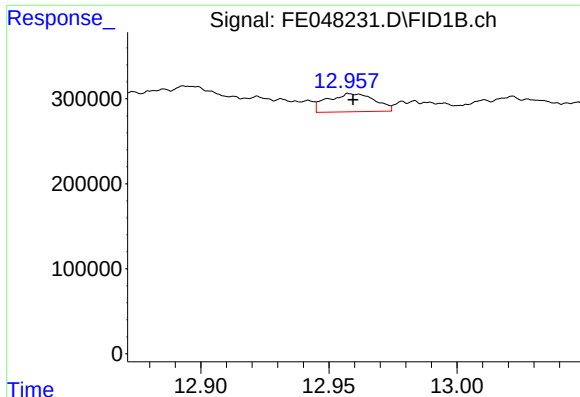
#8 n-Octadecane (C18)

R.T.: 11.675 min
Delta R.T.: 0.025 min
Response: 823942
Conc: 5.92 ug/ml



#9 ortho-Terphenyl (SURR)

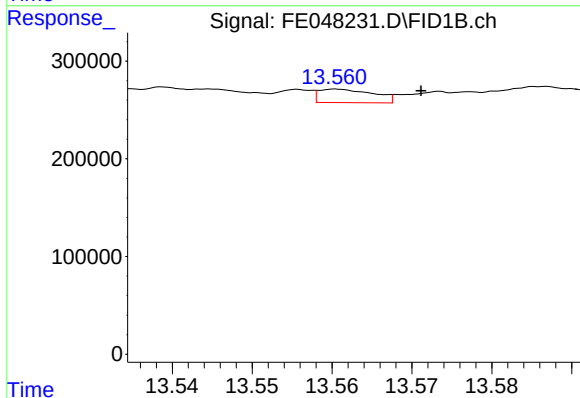
R.T.: 11.968 min
Delta R.T.: -0.004 min
Response: 5285336
Conc: 36.64 ug/ml



#10 n-Eicosane (C20)

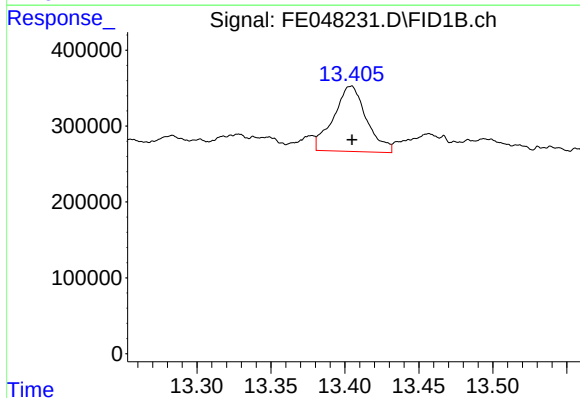
R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 274687
Conc: 2.04 ug/ml

Instrument :
FID_E
ClientSampleId :



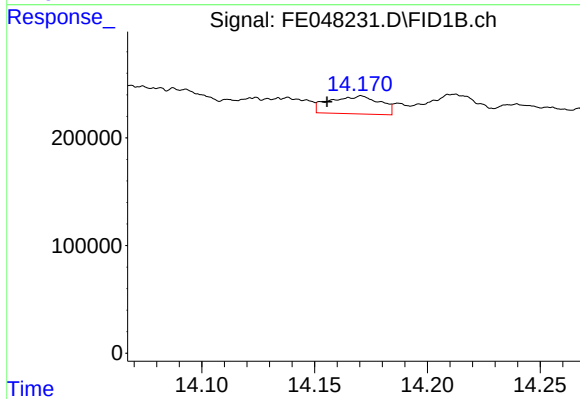
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 65998
Conc: 0.50 ug/ml



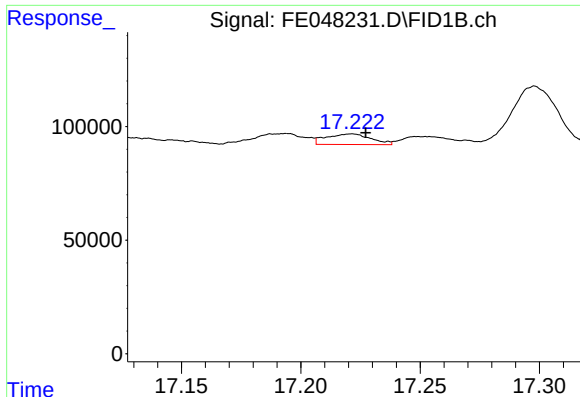
#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: 0.000 min
Response: 1332912
Conc: 11.93 ug/ml



#13 n-Docosane (C22)

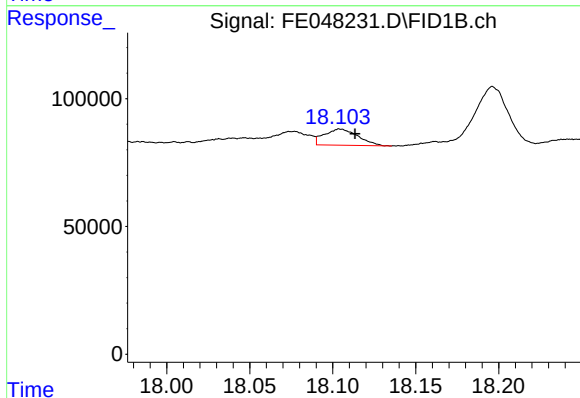
R.T.: 14.171 min
Delta R.T.: 0.015 min
Response: 258423
Conc: 1.95 ug/ml



#16 n-Octacosane (C28)

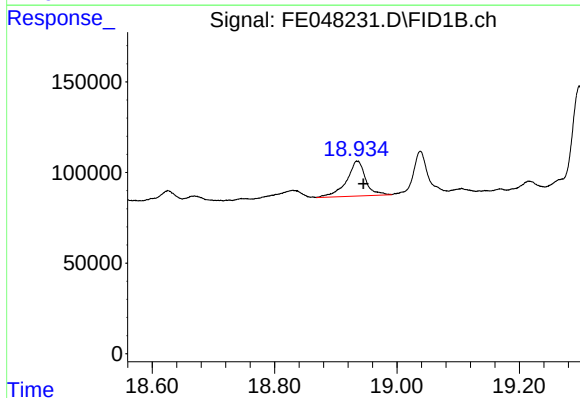
R.T.: 17.222 min
Delta R.T.: -0.006 min
Response: 60934
Conc: 0.46 ug/ml

Instrument :
FID_E
ClientSampleId :



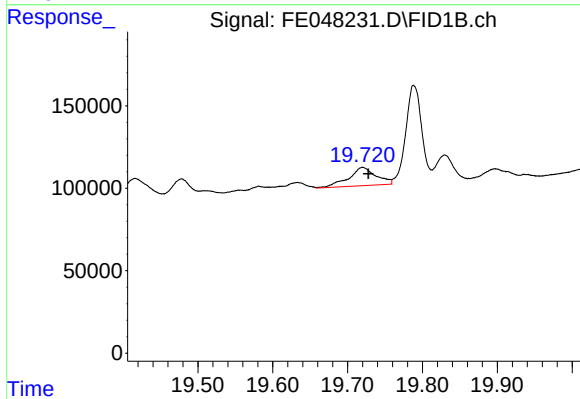
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: -0.009 min
Response: 89522
Conc: 0.65 ug/ml



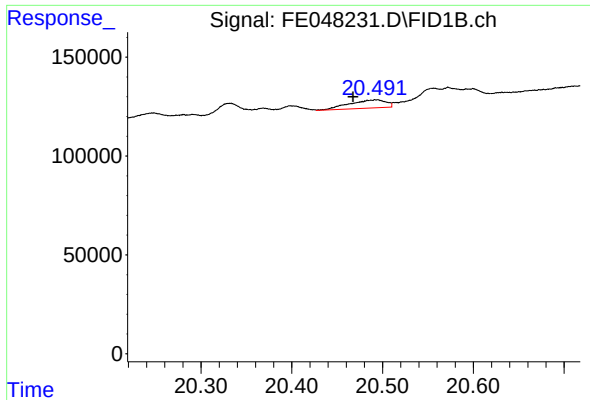
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 414559
Conc: 3.00 ug/ml



#19 n-Tetratriacontane (C34)

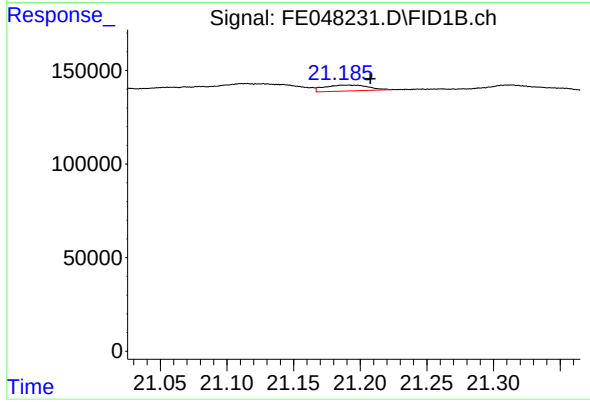
R.T.: 19.720 min
Delta R.T.: -0.007 min
Response: 281024
Conc: 2.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: 0.026 min
Response: 115875
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.016 min
Response: 71046
Conc: 0.51 ug/ml