

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049856.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 19:19
 Operator : YP\AJ
 Sample : P3794-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-857-E2

Integration File: autoint1.e
 Quant Time: Aug 31 04:15:30 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)	11.887	3917764	24.227 ug/ml
Spiked Amount 50.000		Recovery =	48.45%
12) S 1-chlorooctadecane (S...	13.322	3318004	27.195 ug/ml
Spiked Amount 50.000		Recovery =	54.39%
Target Compounds			
6) T n-Tetradecane (C14)	8.513	87295	0.565 ug/ml
7) T n-Hexadecane (C16)	10.124	322599	2.066 ug/ml
8) T n-Octadecane (C18)	11.567	614599	3.913 ug/ml
10) T n-Eicosane (C20)	12.879	308412	2.066 ug/ml
11) T n-Heneicosane (C21)	13.489	420064	2.863 ug/ml
13) T n-Docosane (C22)	14.064	158546	1.088 ug/ml
14) T n-Tetracosane (C24)	15.166	140996	0.969 ug/ml
17) T n-Tricontane (C30)	18.018	89684	0.599 ug/ml
18) T n-Dotriacontane (C32)	18.848	67240	0.444 ug/ml
19) T n-Tetratriacontane (C34)	19.671	103430	0.677 ug/ml

(f)=RT Delta > 1/2 Window

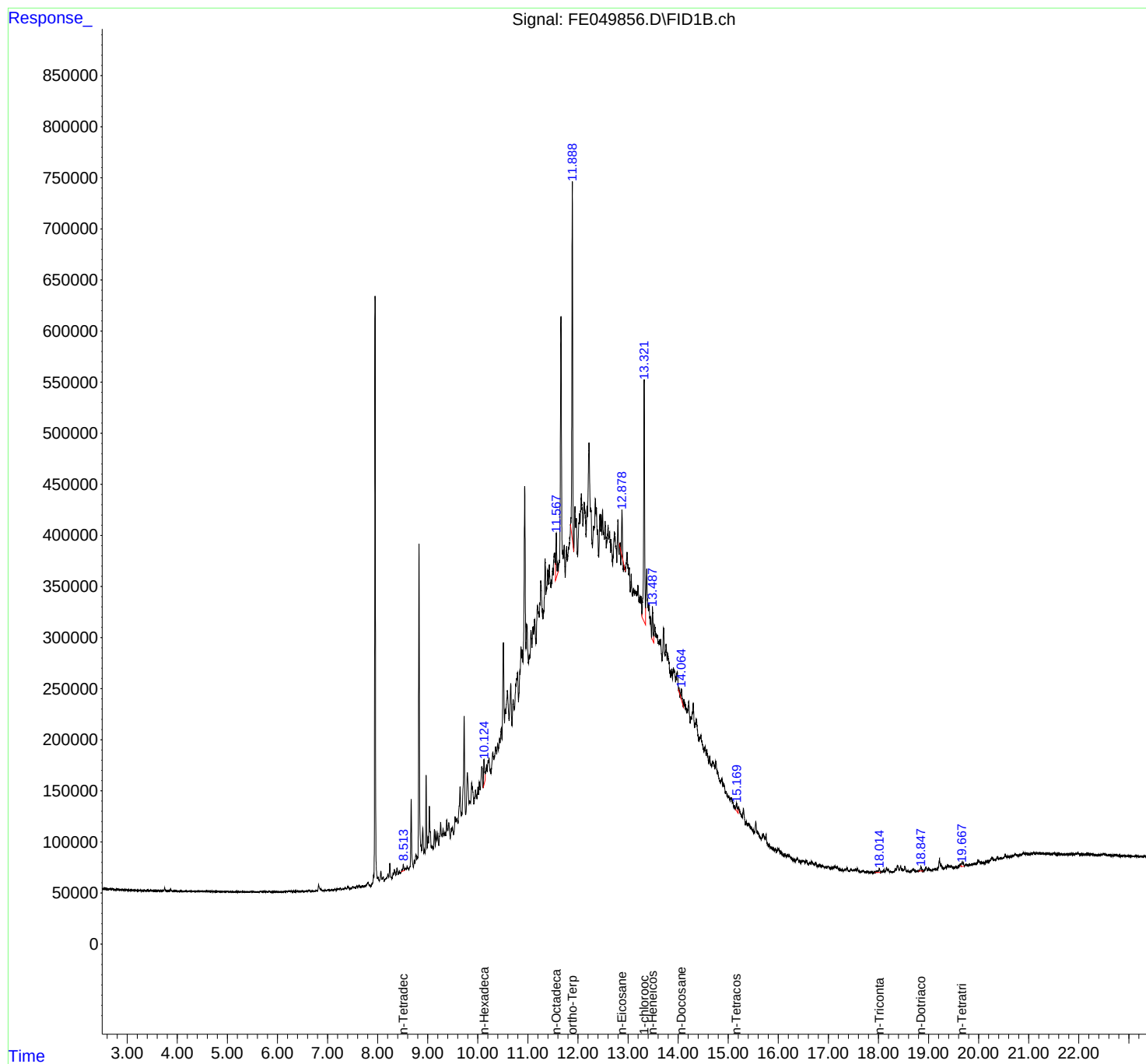
(m)=manual int.

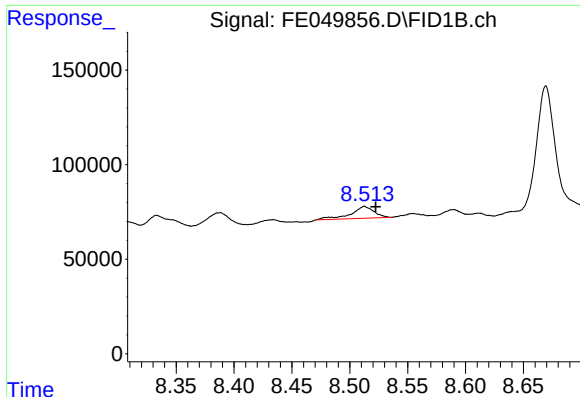
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Signal Info : 20M x 0.18mm x 0.18um

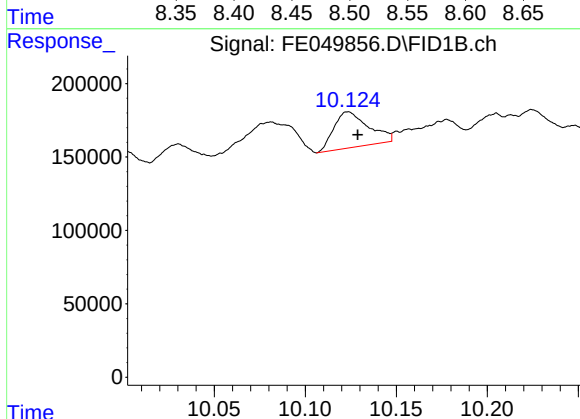




#6 n-Tetradecane (C14)

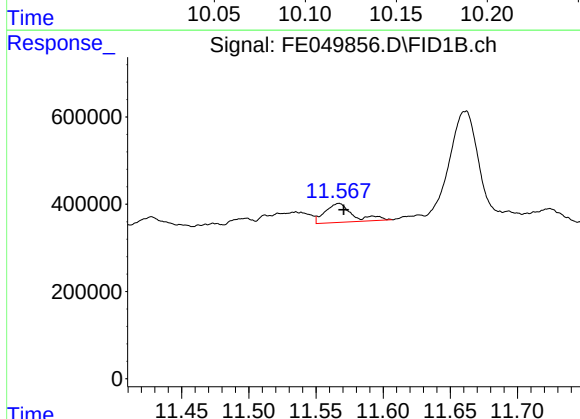
R.T.: 8.513 min
Delta R.T.: -0.009 min
Response: 87295
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-857-E2



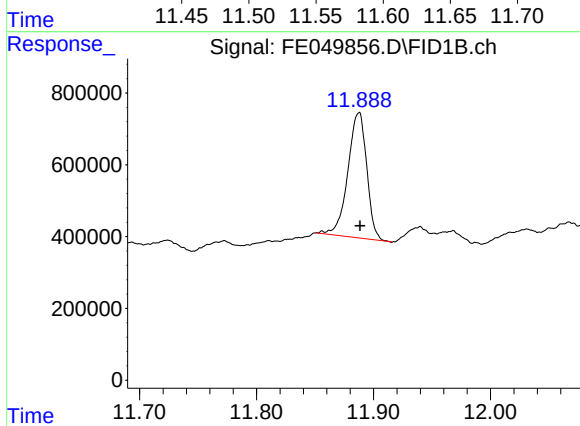
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.005 min
Response: 322599
Conc: 2.07 ug/ml



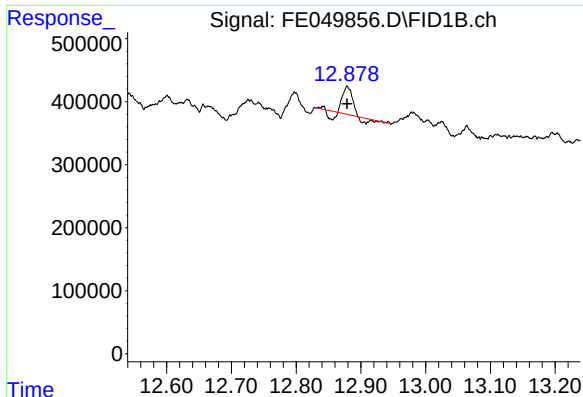
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 614599
Conc: 3.91 ug/ml



#9 ortho-Terphenyl (SURR)

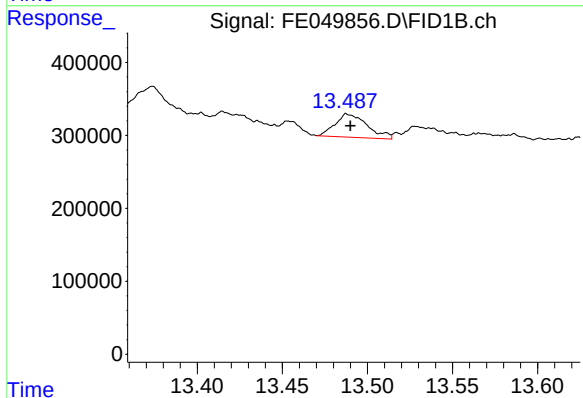
R.T.: 11.887 min
Delta R.T.: -0.001 min
Response: 3917764
Conc: 24.23 ug/ml



#10 n-Eicosane (C20)

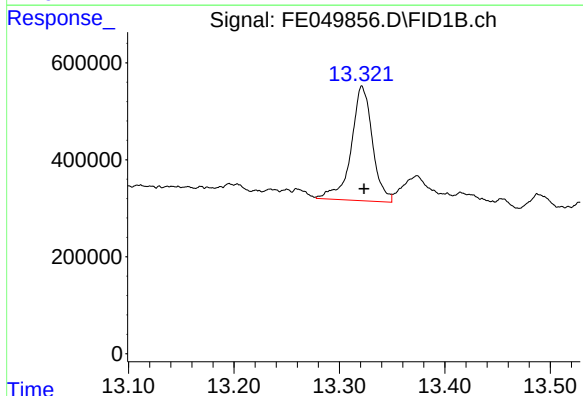
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 308412
Conc: 2.07 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-857-E2



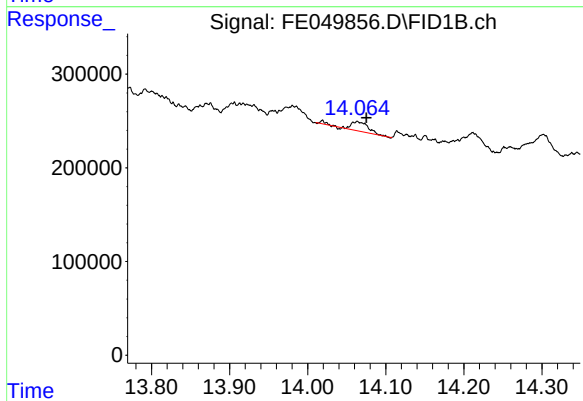
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 420064
Conc: 2.86 ug/ml



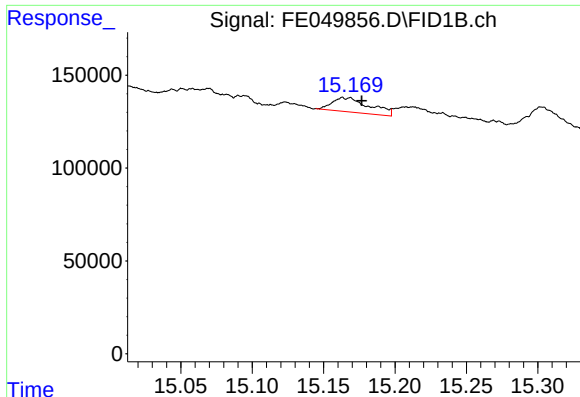
#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.002 min
Response: 3318004
Conc: 27.20 ug/ml



#13 n-Docosane (C22)

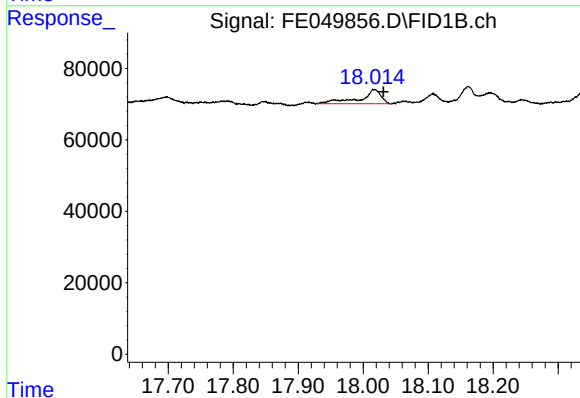
R.T.: 14.064 min
Delta R.T.: -0.012 min
Response: 158546
Conc: 1.09 ug/ml



#14 n-Tetracosane (C24)

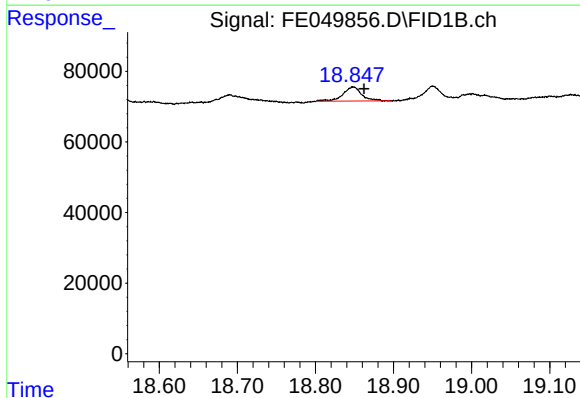
R.T.: 15.166 min
Delta R.T.: -0.011 min
Response: 140996
Conc: 0.97 ug/ml

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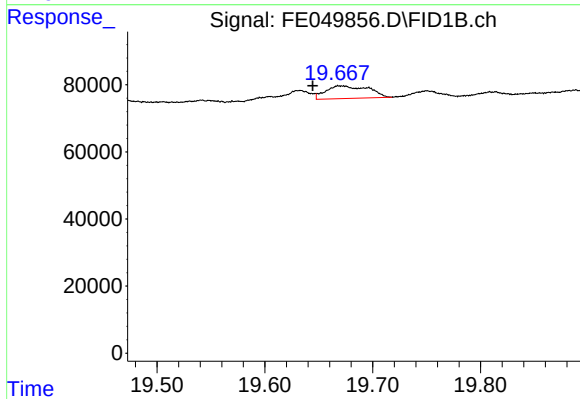
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.014 min
Response: 89684
Conc: 0.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.014 min
Response: 67240
Conc: 0.44 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: 0.026 min
Response: 103430
Conc: 0.68 ug/ml