

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049855.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 18:49
 Operator : YP\AJ
 Sample : P3794-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-857

Integration File: autoint1.e
 Quant Time: Aug 31 04:15:19 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)	11.888	6637636	41.046 ug/ml
Spiked Amount 50.000		Recovery =	82.09%
12) S 1-chlorooctadecane (S...	13.322	5421044	44.432 ug/ml
Spiked Amount 50.000		Recovery =	88.86%
Target Compounds			
6) T n-Tetradecane (C14)	8.512	49539	0.321 ug/ml
7) T n-Hexadecane (C16)	10.123	325251	2.083 ug/ml
8) T n-Octadecane (C18)	11.566	625852	3.985 ug/ml
10) T n-Eicosane (C20)	12.877	591961	3.965 ug/ml
11) T n-Heneicosane (C21)	13.487	430809	2.937 ug/ml
13) T n-Docosane (C22)	14.064	152640	1.047 ug/ml
14) T n-Tetracosane (C24)	15.165	98232	0.675 ug/ml
17) T n-Tricontane (C30)	18.018	66923	0.447 ug/ml
18) T n-Dotriacontane (C32)	18.849	88415	0.584 ug/ml
19) T n-Tetratriacontane (C34)	19.633	78030	0.510 ug/ml
20) T n-Hexatriacontane (C36)	20.371	41993	0.277 ug/ml

(f)=RT Delta > 1/2 Window

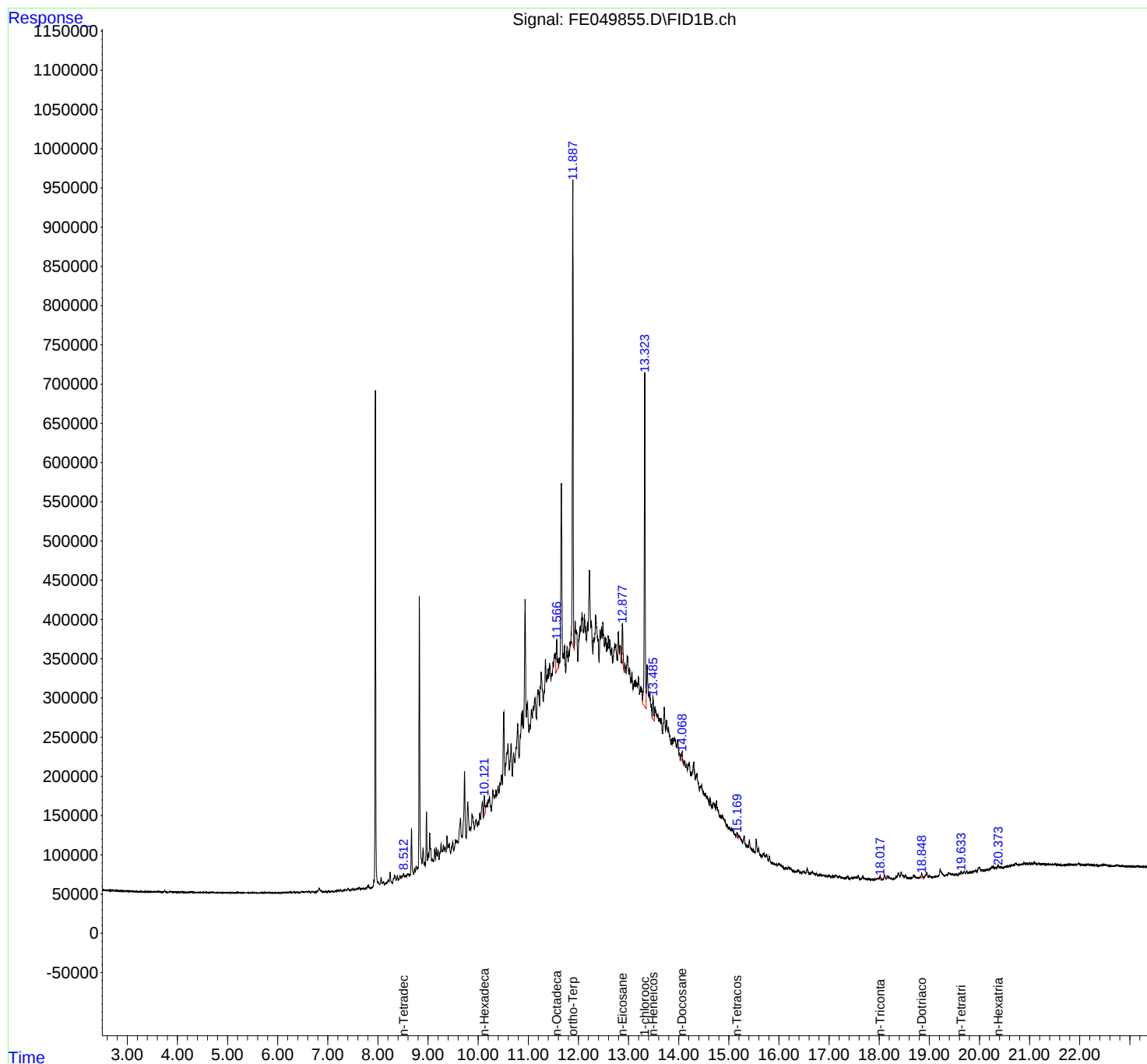
(m)=manual int.

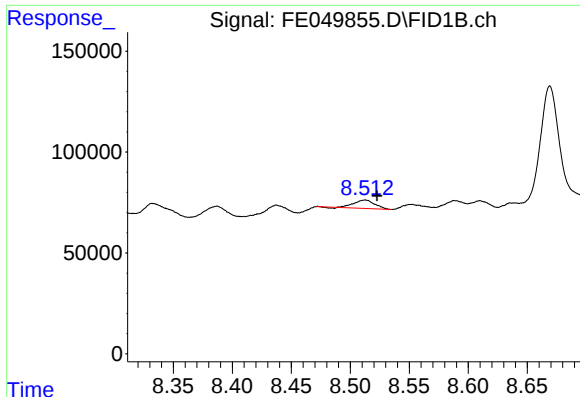
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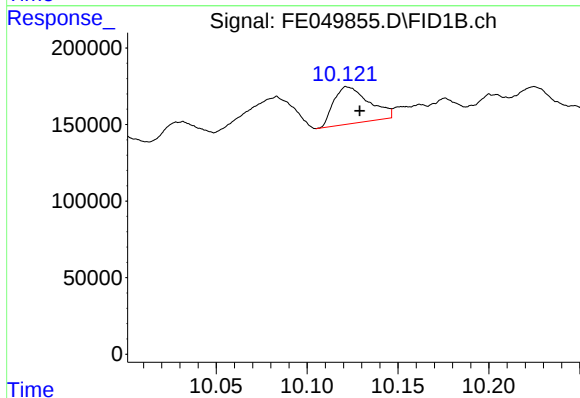




#6 n-Tetradecane (C14)

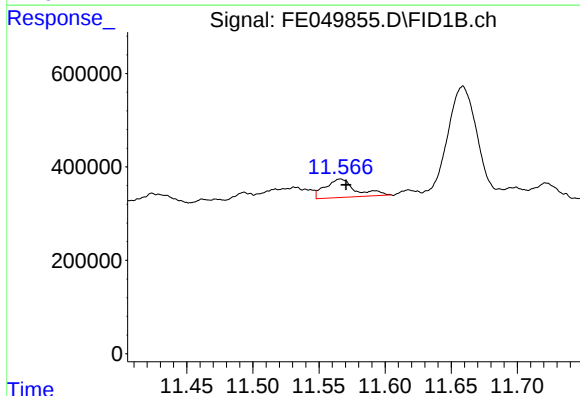
R.T.: 8.512 min
Delta R.T.: -0.010 min
Response: 49539
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-857



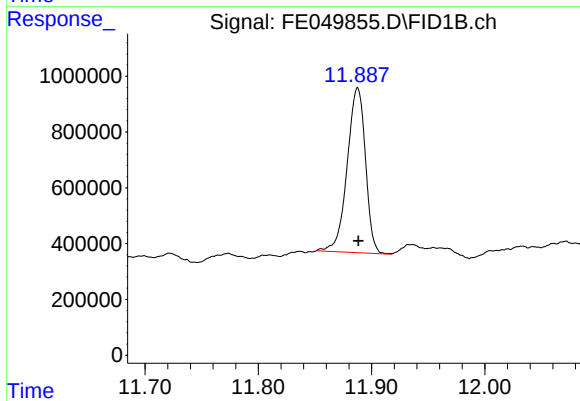
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.006 min
Response: 325251
Conc: 2.08 ug/ml



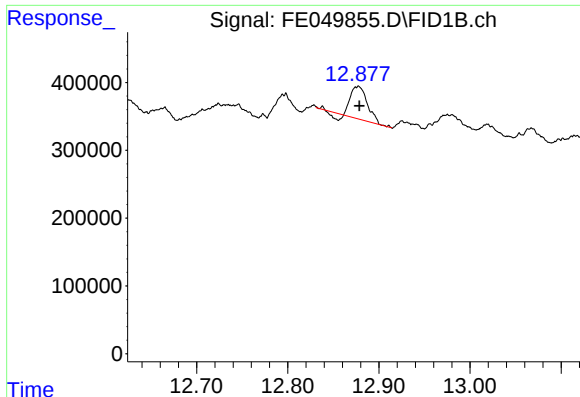
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: -0.004 min
Response: 625852
Conc: 3.98 ug/ml



#9 ortho-Terphenyl (SURR)

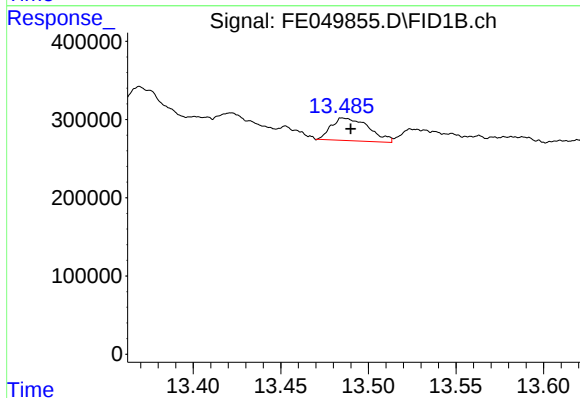
R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 6637636
Conc: 41.05 ug/ml



#10 n-Eicosane (C20)

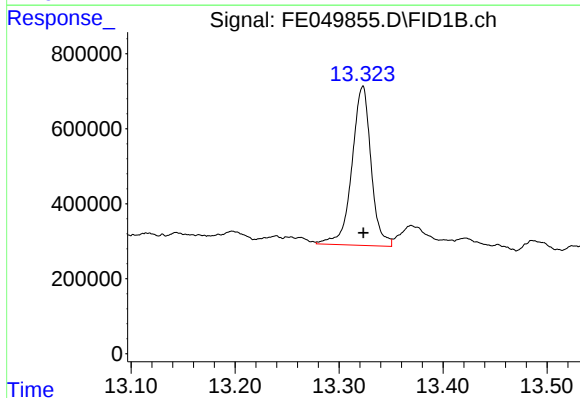
R.T.: 12.877 min
Delta R.T.: -0.002 min
Response: 591961
Conc: 3.96 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-857



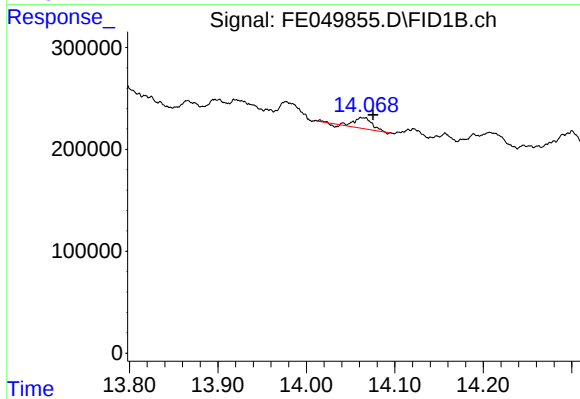
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.003 min
Response: 430809
Conc: 2.94 ug/ml



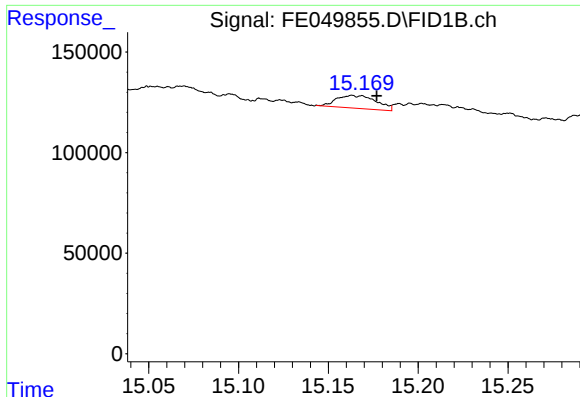
#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.001 min
Response: 5421044
Conc: 44.43 ug/ml



#13 n-Docosane (C22)

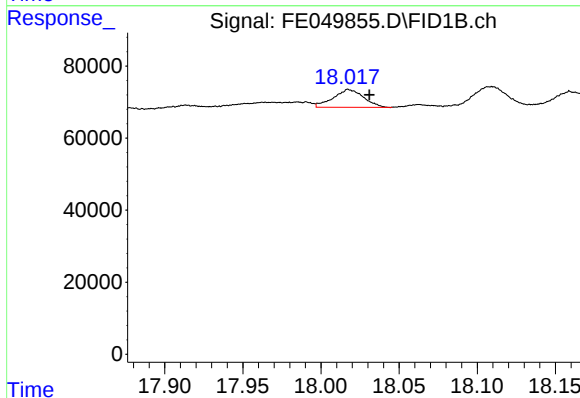
R.T.: 14.064 min
Delta R.T.: -0.011 min
Response: 152640
Conc: 1.05 ug/ml



#14 n-Tetracosane (C24)

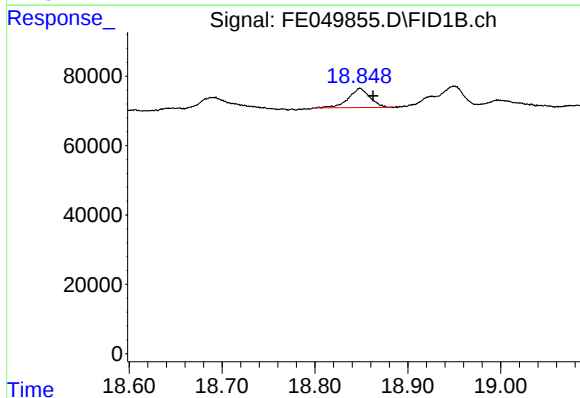
R.T.: 15.165 min
Delta R.T.: -0.012 min
Response: 98232
Conc: 0.68 ug/ml

Instrument :
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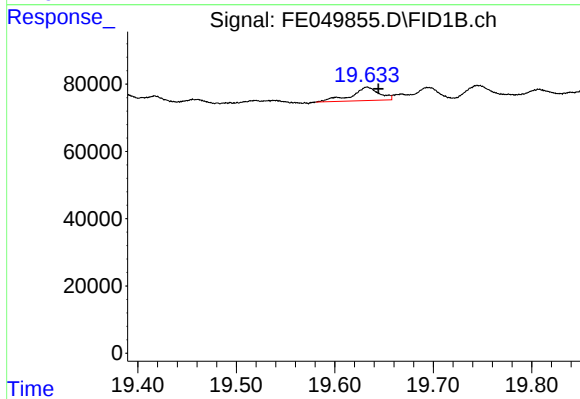
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.013 min
Response: 66923
Conc: 0.45 ug/ml



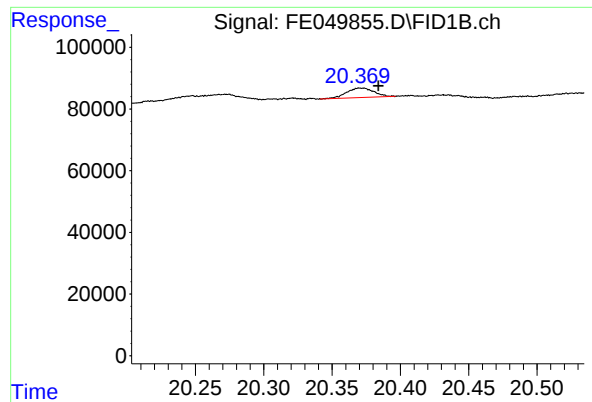
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.014 min
Response: 88415
Conc: 0.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.011 min
Response: 78030
Conc: 0.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.013 min
Response: 41993
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-857