

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052623AL\
 Data File : FE042259.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 19:04
 Operator : YP\AJ
 Sample : 02919-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 27 00:28:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.987	63517496	359.713 ug/ml
Spiked Amount 50.000		Recovery =	719.43%
12) S 1-chlorooctadecane (S...	13.403	20177051	151.846 ug/ml
Spiked Amount 50.000		Recovery =	303.69%
Target Compounds			
7) T n-Hexadecane (C16)	10.216	5511966	35.385 ug/ml
8) T n-Octadecane (C18)	11.640	40710186	257.441 ug/ml
10) T n-Eicosane (C20)	12.965	9793974	64.611 ug/ml
11) T n-Heneicosane (C21)	13.561	69663577	470.212 ug/ml
13) T n-Docosane (C22)	14.164	34751900	237.057 ug/ml
14) T n-Tetracosane (C24)	15.275	14680587	101.697 ug/ml
15) T n-Hexacosane (C26)	16.300	10521351	75.968 ug/ml
16) T n-Octacosane (C28)	17.236	4653130	34.755 ug/ml
19) T n-Tetratriacontane (C34)	19.765	288588	2.194 ug/ml

(f)=RT Delta > 1/2 Window

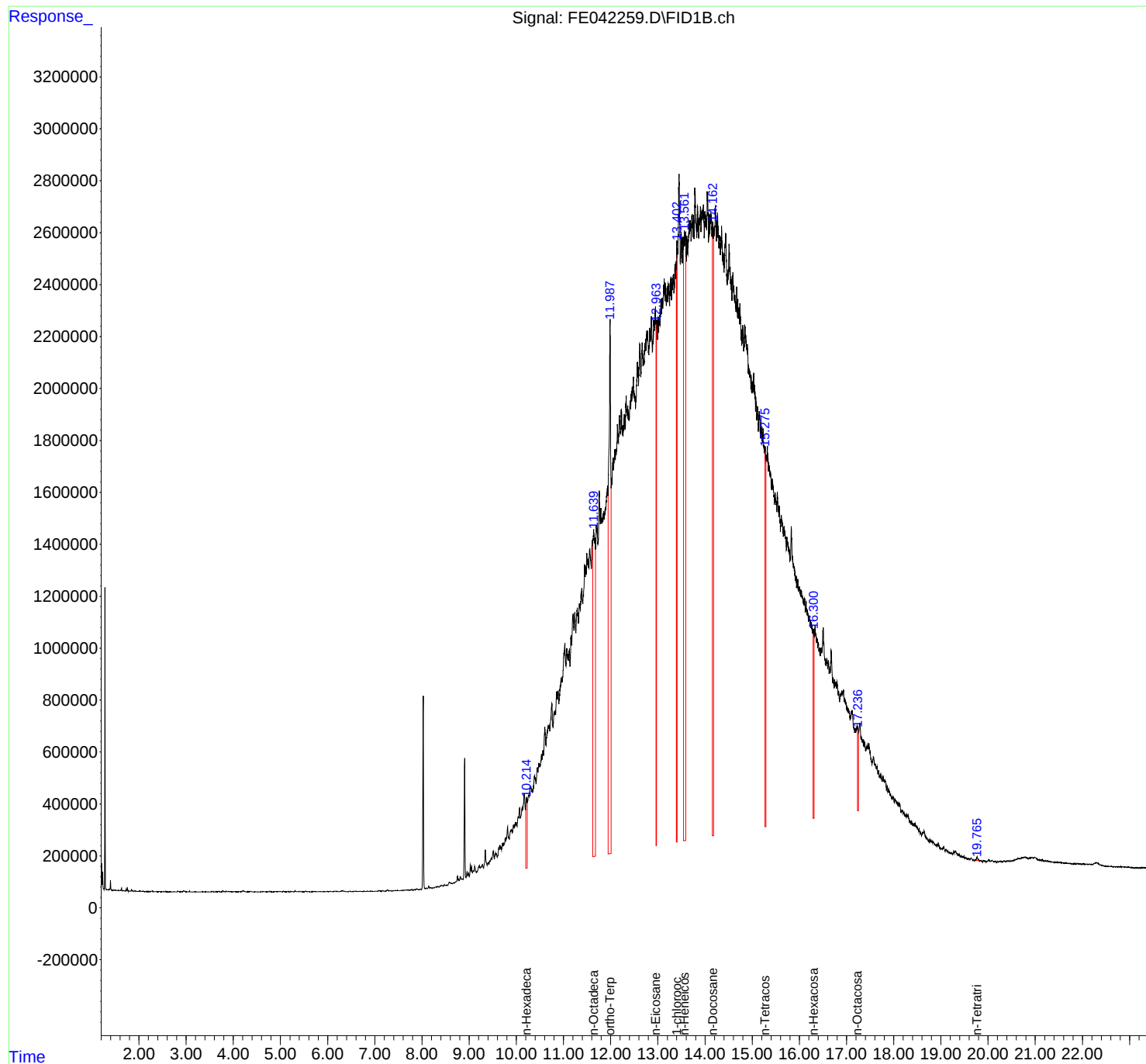
(m)=manual int.

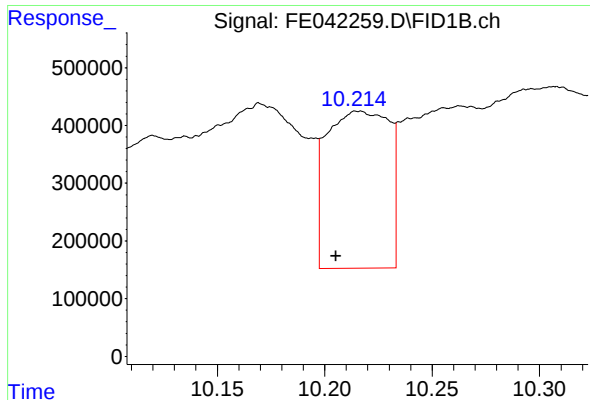
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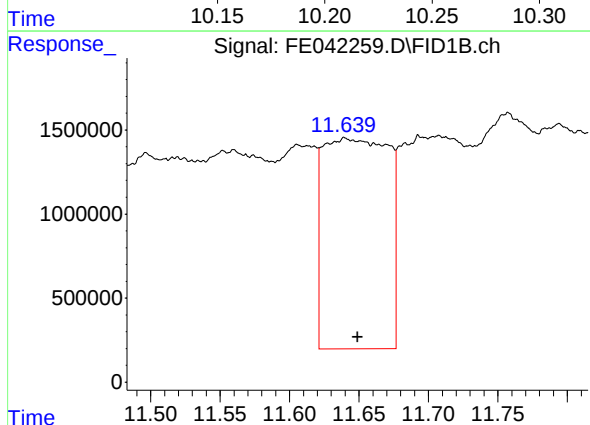




#7 n-Hexadecane (C16)

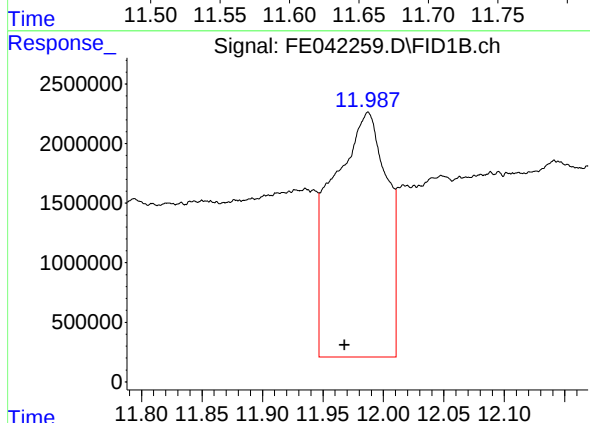
R.T.: 10.216 min
Delta R.T.: 0.010 min
Response: 5511966
Conc: 35.39 ug/ml

Instrument :
FID_E
ClientSampleId :



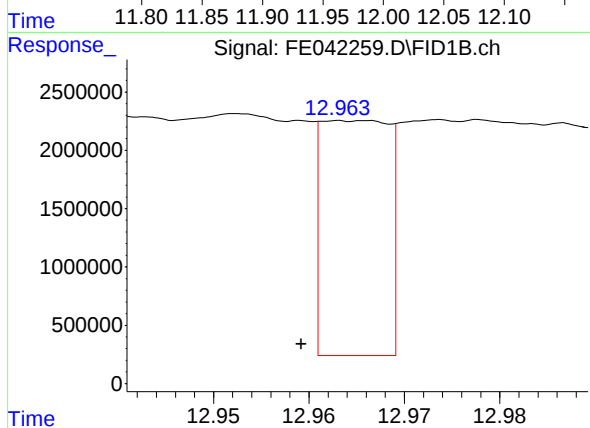
#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 40710186
Conc: 257.44 ug/ml



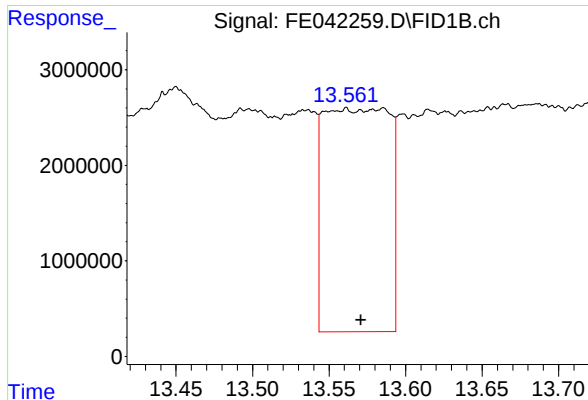
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.019 min
Response: 63517496
Conc: 359.71 ug/ml



#10 n-Eicosane (C20)

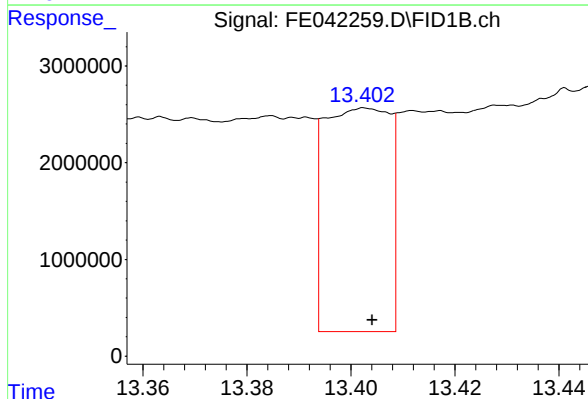
R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 9793974
Conc: 64.61 ug/ml



#11 n-Heneicosane (C21)

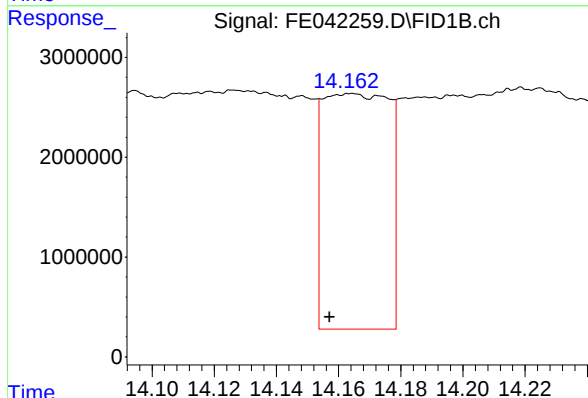
R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 69663577
Conc: 470.21 ug/ml

Instrument :
FID_E
ClientSampleId :



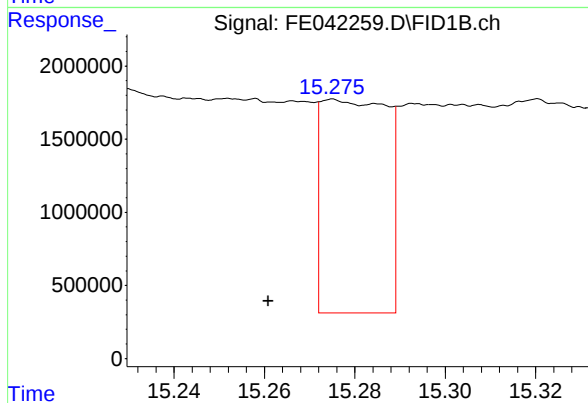
#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 20177051
Conc: 151.85 ug/ml



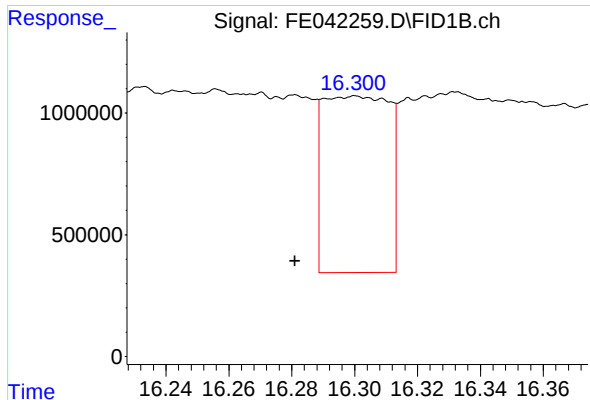
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.007 min
Response: 34751900
Conc: 237.06 ug/ml



#14 n-Tetracosane (C24)

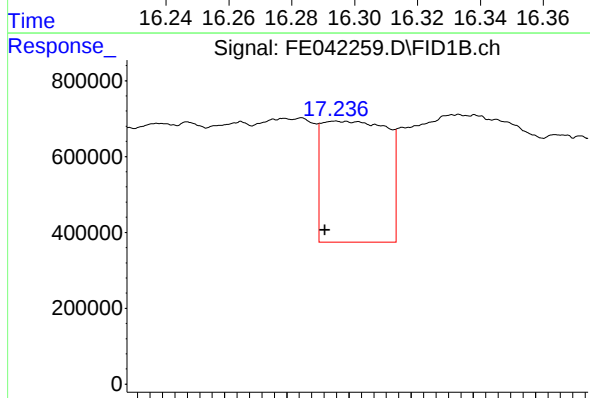
R.T.: 15.275 min
Delta R.T.: 0.014 min
Response: 14680587
Conc: 101.70 ug/ml



#15 n-Hexacosane (C26)

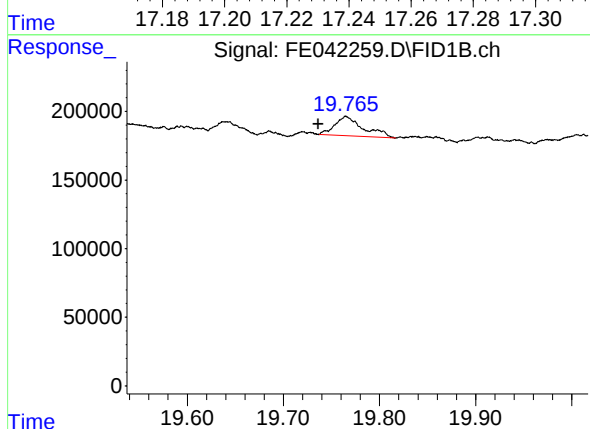
R.T.: 16.300 min
Delta R.T.: 0.019 min
Response: 10521351
Conc: 75.97 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.004 min
Response: 4653130
Conc: 34.76 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.029 min
Response: 288588
Conc: 2.19 ug/ml