

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041615.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 14:21
 Operator : YP\AJ
 Sample : 02505-06DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 28 16:11:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.983	608618	3.244 ug/ml
Spiked Amount 50.000		Recovery =	6.49%
12) S 1-chlorooctadecane (S...	13.422	494662	3.502 ug/ml
Spiked Amount 50.000		Recovery =	7.00%
Target Compounds			
8) T n-Octadecane (C18)	11.635	27009	0.165 ug/ml
10) T n-Eicosane (C20)	12.973	67182	0.418 ug/ml
11) T n-Heneicosane (C21)	13.560	2723	0.017 ug/ml
13) T n-Docosane (C22)	14.175	96356	0.605 ug/ml
14) T n-Tetracosane (C24)	15.261	124774	0.774 ug/ml
15) T n-Hexacosane (C26)	16.279	75453	0.477 ug/ml
16) T n-Octacosane (C28)	17.248	1019499	6.626 ug/ml
17) T n-Tricontane (C30)	18.130	361657	2.375 ug/ml
18) T n-Dotriacontane (C32)	18.951	61921	0.416 ug/ml
19) T n-Tetratriacontane (C34)	19.736	42976	0.305 ug/ml
20) T n-Hexatriacontane (C36)	20.484	174530	1.305 ug/ml
21) T n-Octatriacontane (C38)	21.213	290014	2.195 ug/ml
22) T n-Tetracontane (C40)	22.151	47787	0.377 ug/ml

(f)=RT Delta > 1/2 Window

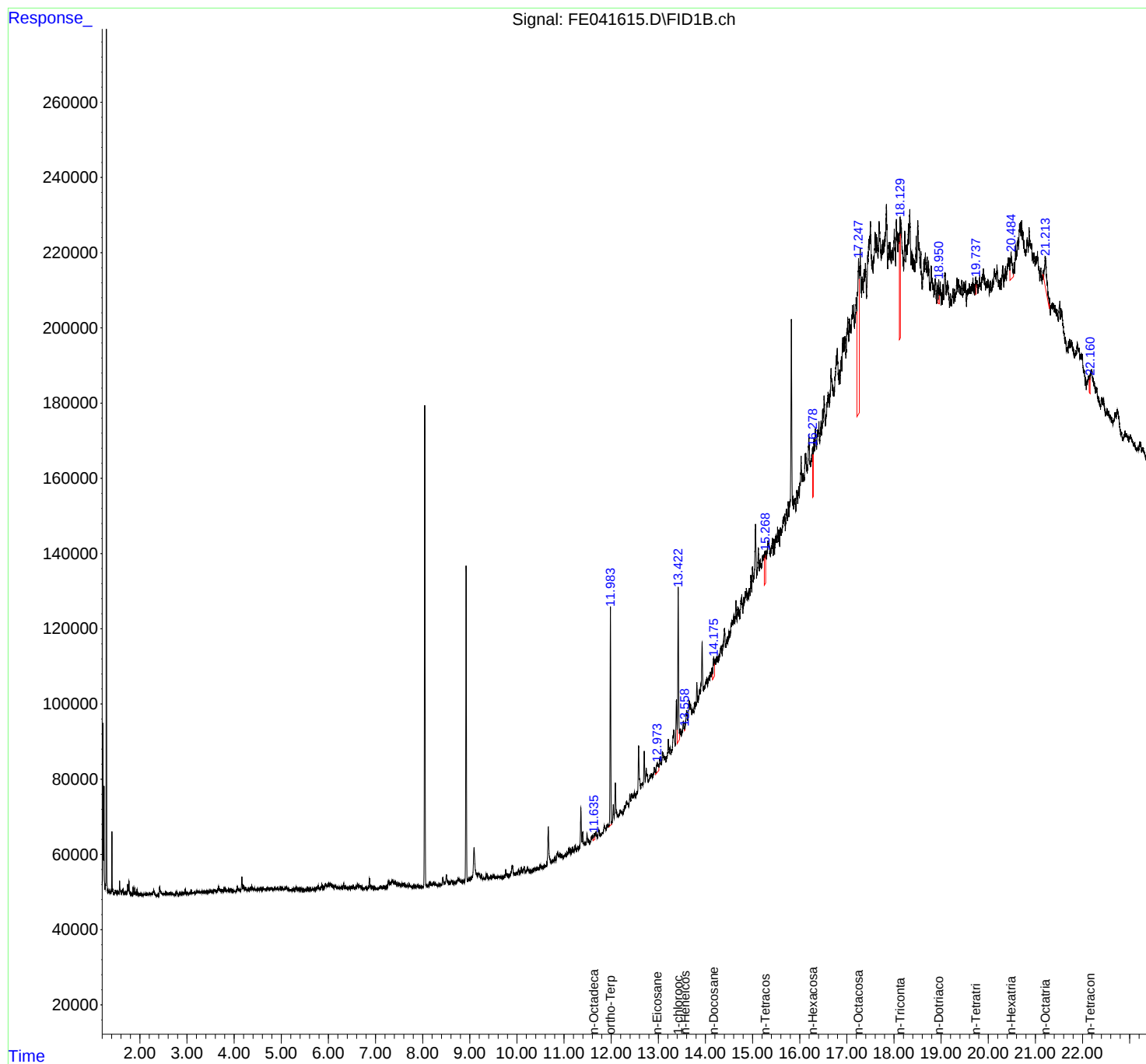
(m)=manual int.

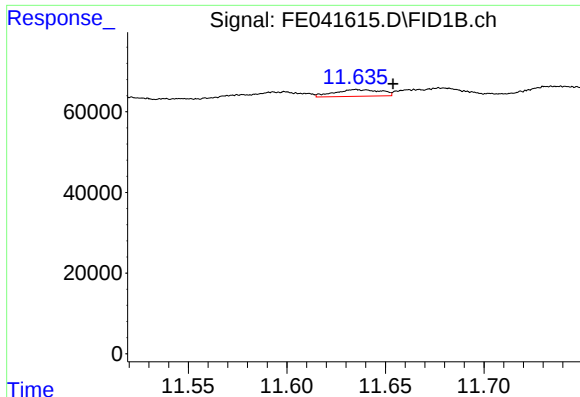
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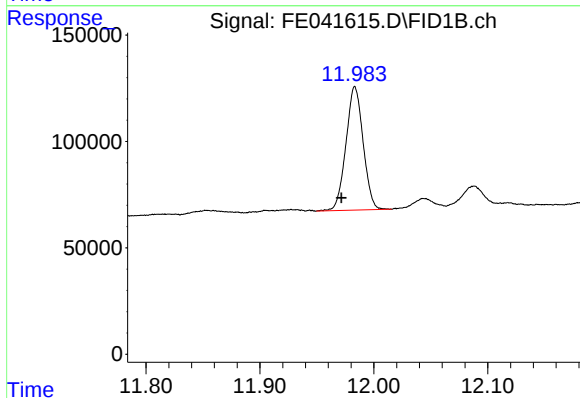




#8 n-Octadecane (C18)

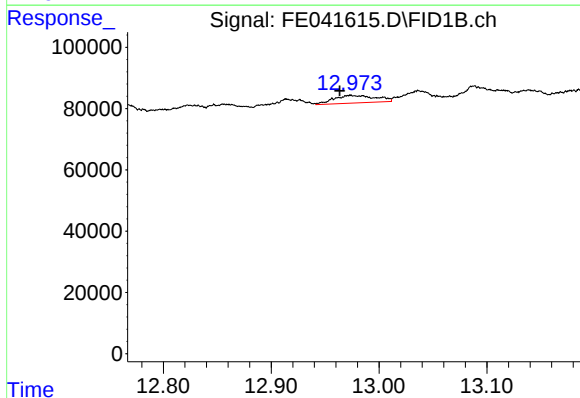
R.T.: 11.635 min
Delta R.T.: -0.019 min
Response: 27009
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :



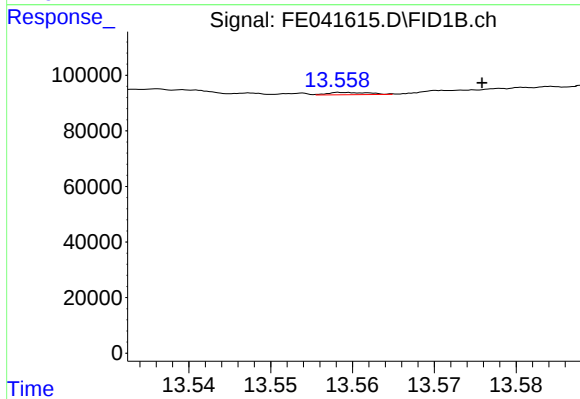
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.012 min
Response: 608618
Conc: 3.24 ug/ml



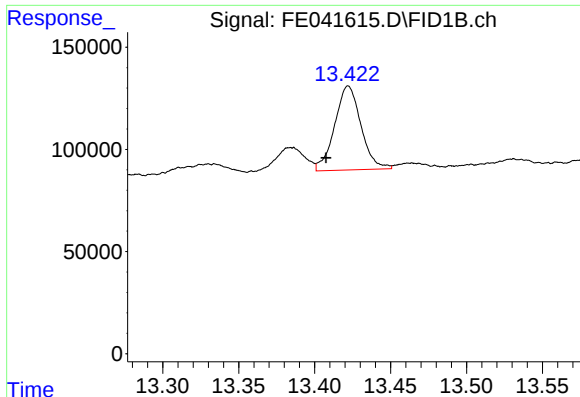
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.010 min
Response: 67182
Conc: 0.42 ug/ml



#11 n-Heneicosane (C21)

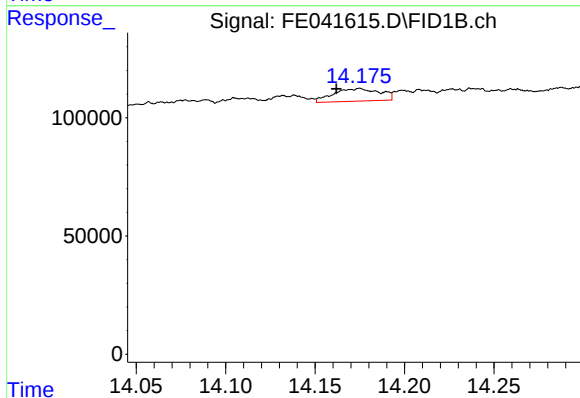
R.T.: 13.560 min
Delta R.T.: -0.016 min
Response: 2723
Conc: 0.02 ug/ml



#12 1-chlorooctadecane (SURR)

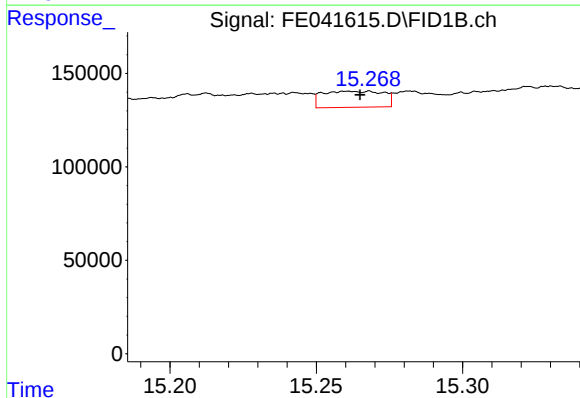
R.T.: 13.422 min
Delta R.T.: 0.015 min
Response: 494662
Conc: 3.50 ug/ml

Instrument :
FID_E
ClientSampleId :



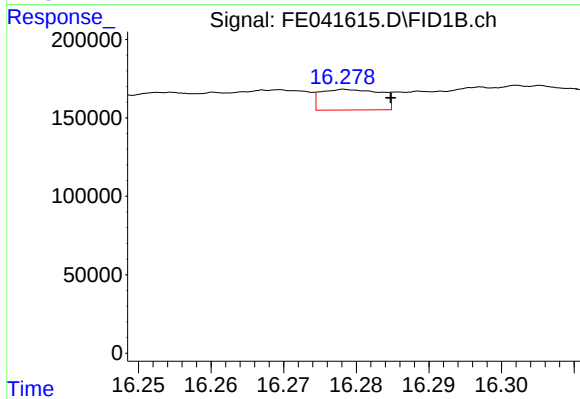
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.013 min
Response: 96356
Conc: 0.60 ug/ml



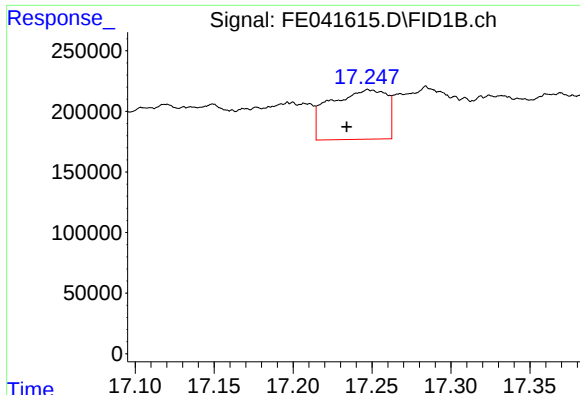
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.004 min
Response: 124774
Conc: 0.77 ug/ml



#15 n-Hexacosane (C26)

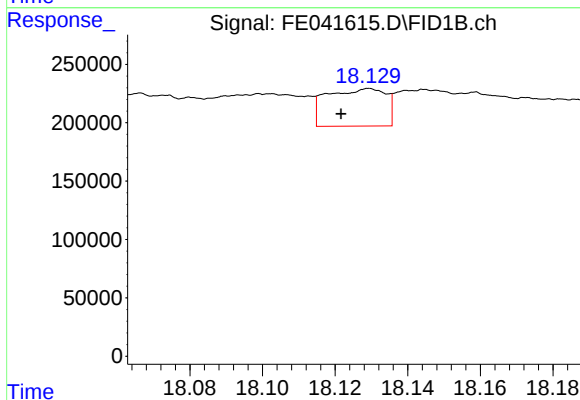
R.T.: 16.279 min
Delta R.T.: -0.006 min
Response: 75453
Conc: 0.48 ug/ml



#16 n-Octacosane (C28)

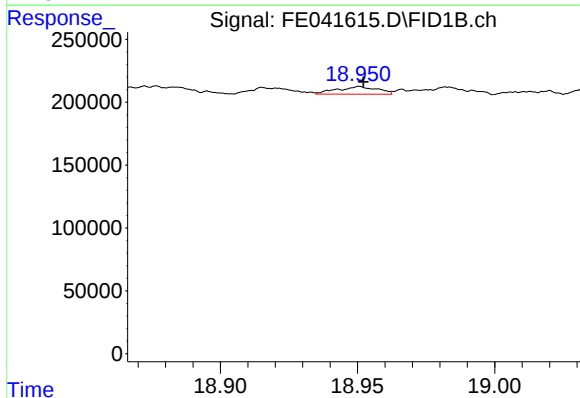
R.T.: 17.248 min
Delta R.T.: 0.014 min
Response: 1019499
Conc: 6.63 ug/ml

Instrument :
FID_E
ClientSampleId :



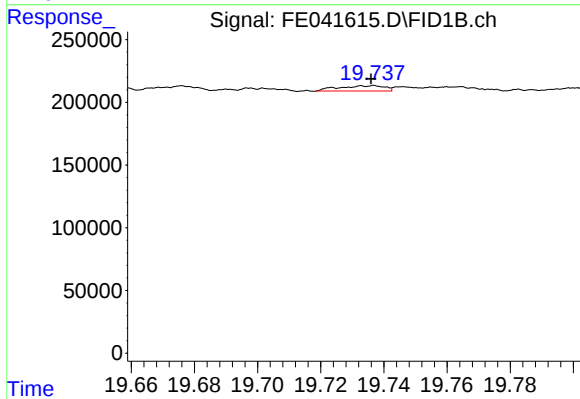
#17 n-Tricontane (C30)

R.T.: 18.130 min
Delta R.T.: 0.008 min
Response: 361657
Conc: 2.37 ug/ml



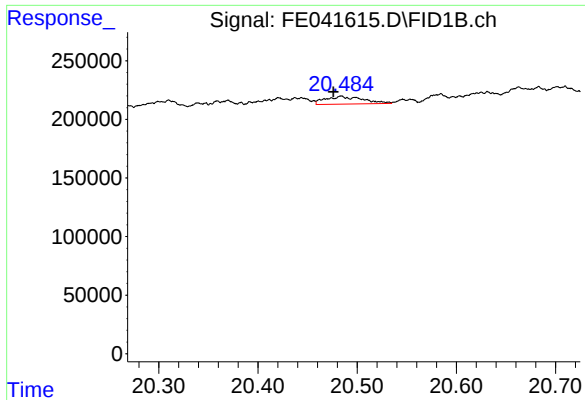
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 61921
Conc: 0.42 ug/ml



#19 n-Tetratriacontane (C34)

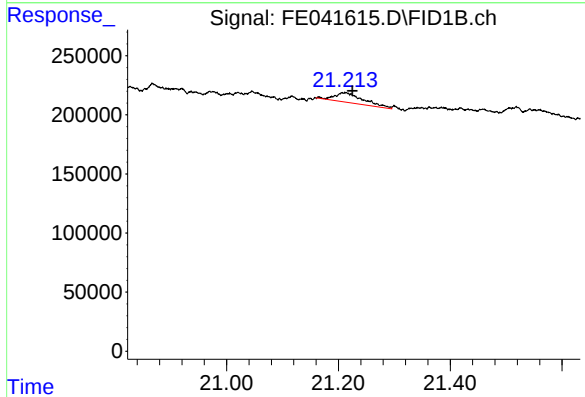
R.T.: 19.736 min
Delta R.T.: 0.000 min
Response: 42976
Conc: 0.31 ug/ml



#20 n-Hexatriacontane (C36)

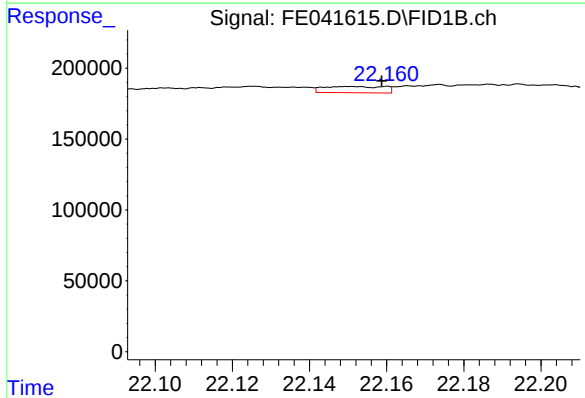
R.T.: 20.484 min
Delta R.T.: 0.008 min
Response: 174530
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.011 min
Response: 290014
Conc: 2.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: -0.008 min
Response: 47787
Conc: 0.38 ug/ml