

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041595.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2023 02:45
 Operator : YP\AJ
 Sample : 02505-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 28 03:55:07 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	4748496	25.311 ug/ml
Spiked Amount 50.000		Recovery =	50.62%
12) S 1-chlorooctadecane (S...	13.420	3502114	24.790 ug/ml
Spiked Amount 50.000		Recovery =	49.58%
Target Compounds			
6) T n-Tetradecane (C14)	8.614	36128	0.238 ug/ml
7) T n-Hexadecane (C16)	10.152f	65273	0.409 ug/ml
10) T n-Eicosane (C20)	13.034f	65227	0.406 ug/ml
11) T n-Heneicosane (C21)	13.594	34450	0.216 ug/ml
14) T n-Tetracosane (C24)	15.252	68302	0.424 ug/ml
15) T n-Hexacosane (C26)	16.299	17997	0.114 ug/ml
16) T n-Octacosane (C28)	17.247	64355	0.418 ug/ml
17) T n-Tricontane (C30)	18.135	63055	0.414 ug/ml
18) T n-Dotriacontane (C32)	18.963	116307	0.781 ug/ml
19) T n-Tetratriacontane (C34)	19.721	6029	0.043 ug/ml
20) T n-Hexatriacontane (C36)	20.493	374751	2.802 ug/ml
21) T n-Octatriacontane (C38)	21.239	222554	1.684 ug/ml

(f)=RT Delta > 1/2 Window

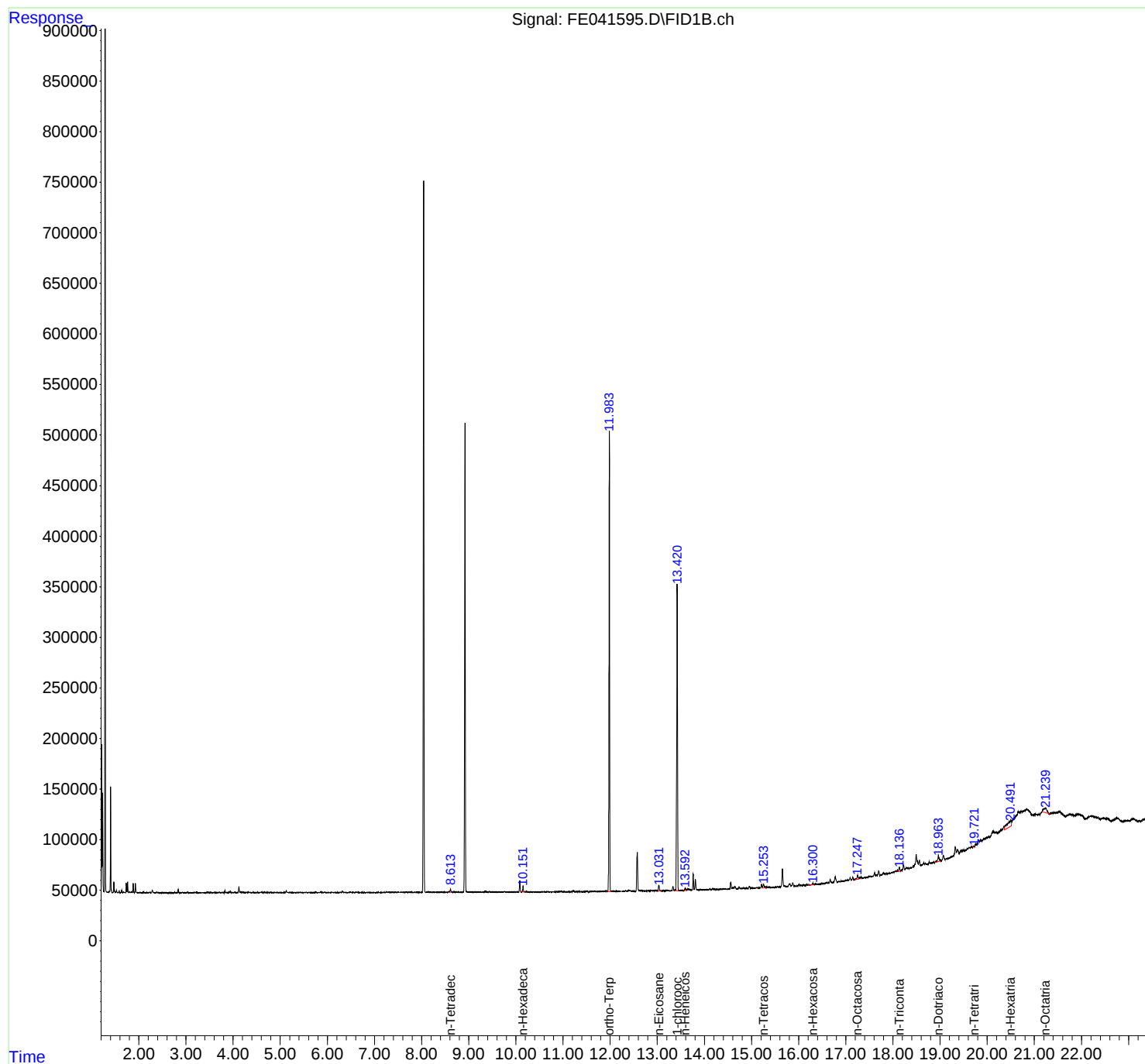
(m)=manual int.

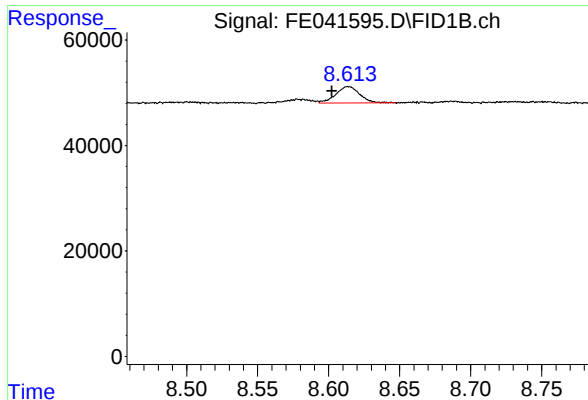
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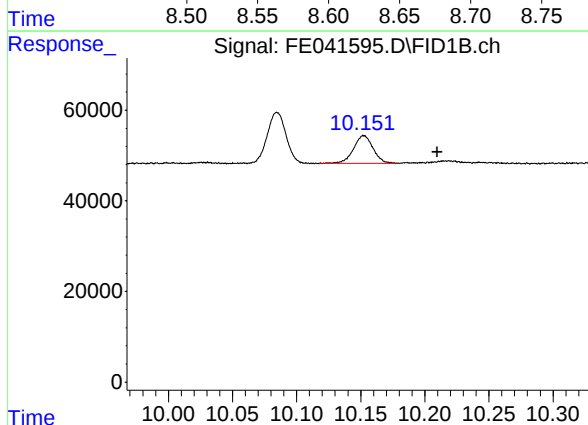




#6 n-Tetradecane (C14)

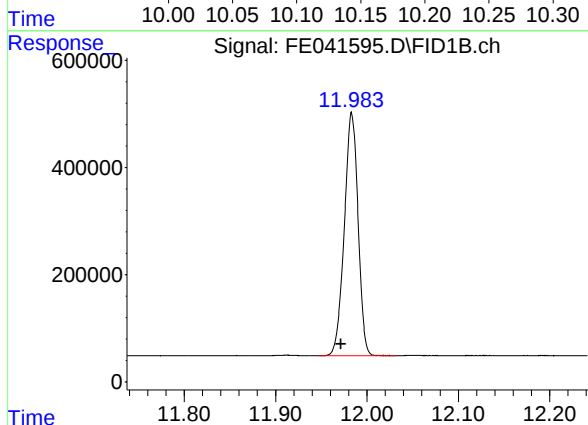
R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 36128
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



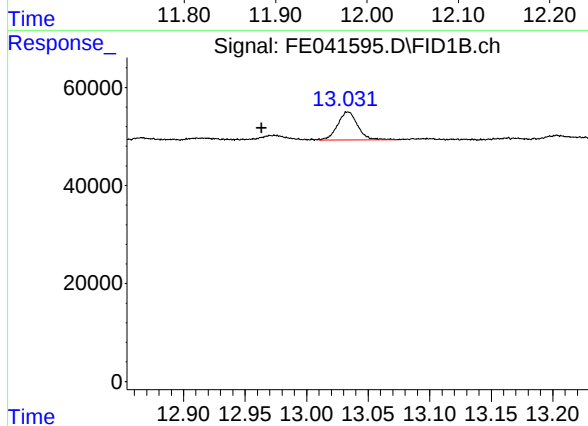
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.057 min
Response: 65273
Conc: 0.41 ug/ml



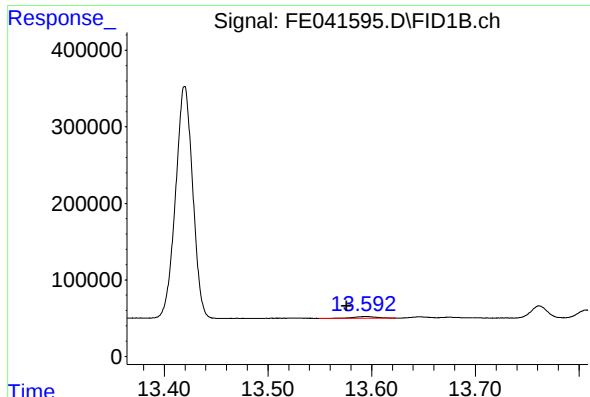
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.012 min
Response: 4748496
Conc: 25.31 ug/ml



#10 n-Eicosane (C20)

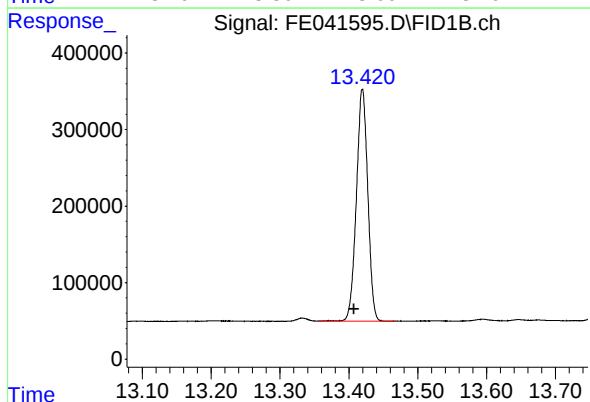
R.T.: 13.034 min
Delta R.T.: 0.070 min
Response: 65227
Conc: 0.41 ug/ml



#11 n-Heneicosane (C21)

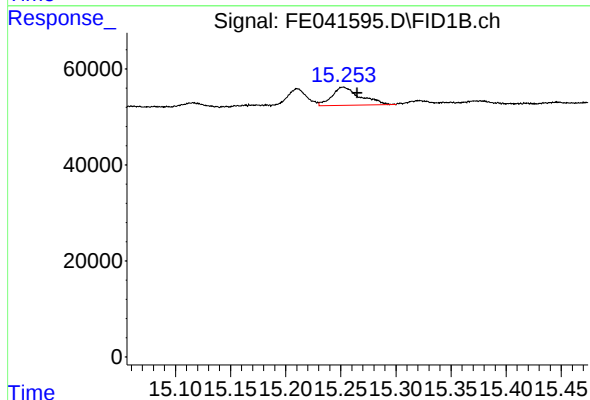
R.T.: 13.594 min
Delta R.T.: 0.018 min
Response: 34450
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



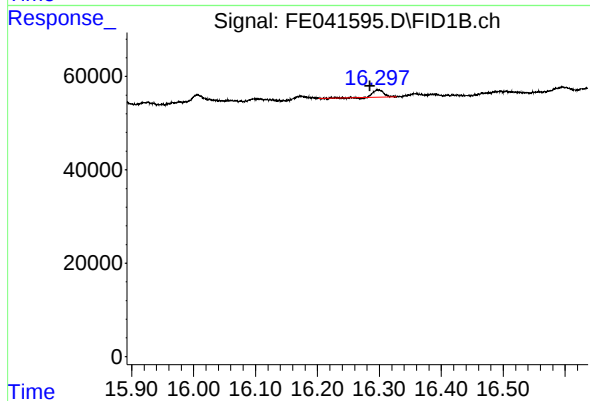
#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.012 min
Response: 3502114
Conc: 24.79 ug/ml



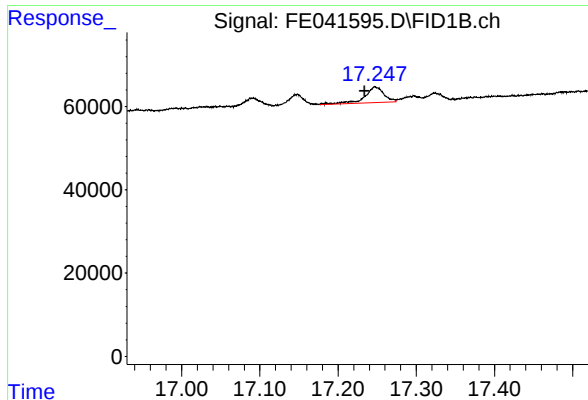
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.013 min
Response: 68302
Conc: 0.42 ug/ml



#15 n-Hexacosane (C26)

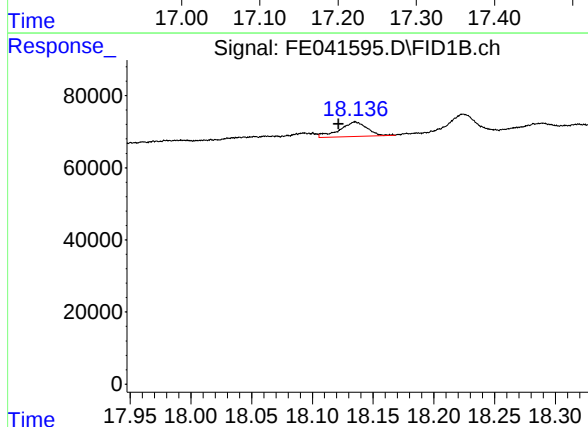
R.T.: 16.299 min
Delta R.T.: 0.014 min
Response: 17997
Conc: 0.11 ug/ml



#16 n-Octacosane (C28)

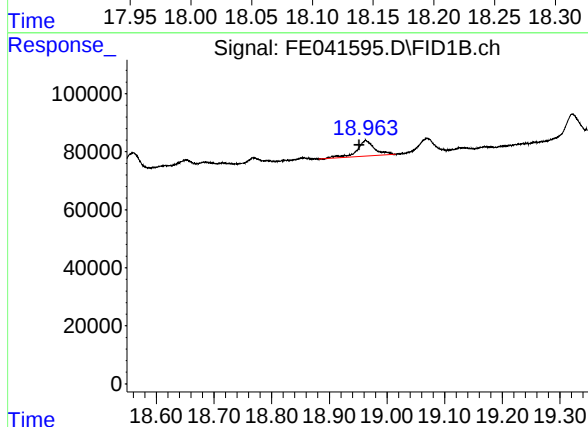
R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 64355
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



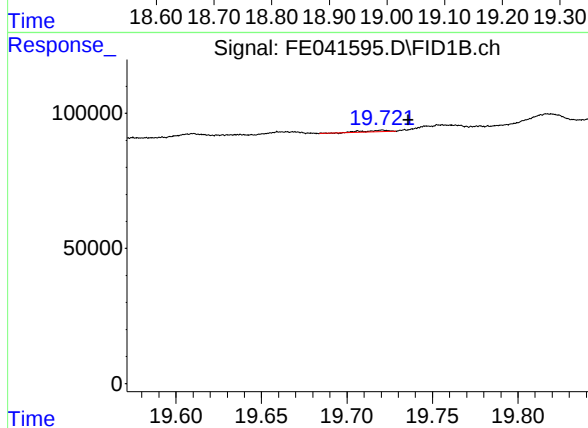
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: 0.014 min
Response: 63055
Conc: 0.41 ug/ml



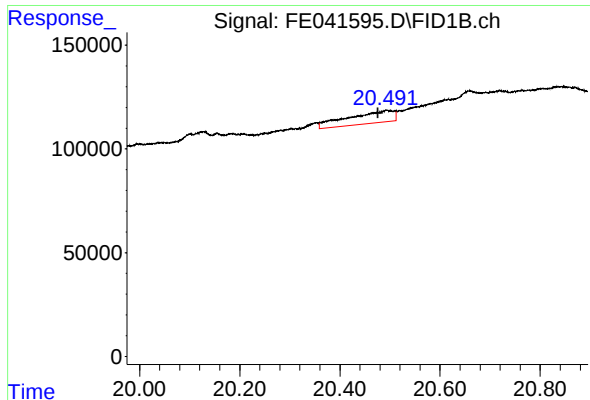
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.011 min
Response: 116307
Conc: 0.78 ug/ml



#19 n-Tetratriacontane (C34)

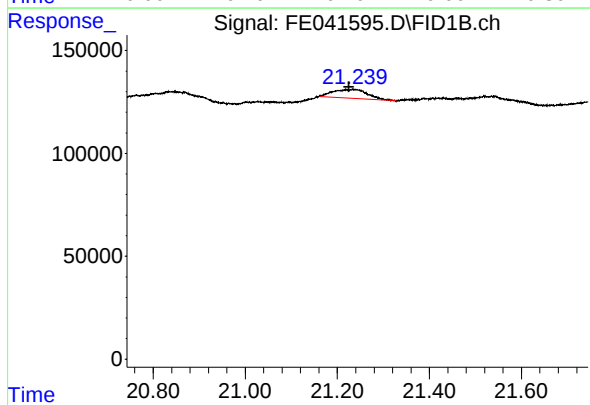
R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 6029
Conc: 0.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: 0.017 min
Response: 374751
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.239 min
Delta R.T.: 0.014 min
Response: 222554
Conc: 1.68 ug/ml