

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022425AL\
 Data File : FE052472.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2025 17:50
 Operator : YP\AJ
 Sample : Q1411-03D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 25 00:29:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.921	6092957	32.595 ug/ml
Spiked Amount 50.000		Recovery =	65.19%
12) S 1-chlorooctadecane (S...	13.367	4968317	35.744 ug/ml
Spiked Amount 50.000		Recovery =	71.49%
Target Compounds			
7) T n-Hexadecane (C16)	10.154	132947	0.813 ug/ml
8) T n-Octadecane (C18)	11.602	149206	0.902 ug/ml
10) T n-Eicosane (C20)	12.918	121632	0.763 ug/ml
11) T n-Heneicosane (C21)	13.538	126234	0.806 ug/ml
13) T n-Docosane (C22)	14.123	145463	0.929 ug/ml
14) T n-Tetracosane (C24)	15.201	475306	3.022 ug/ml
15) T n-Hexacosane (C26)	16.256	99428	0.642 ug/ml
16) T n-Octacosane (C28)	17.208	274632	1.795 ug/ml
17) T n-Tricontane (C30)	18.098	489150	3.134 ug/ml
18) T n-Dotriacontane (C32)	18.933	138968	0.908 ug/ml
19) T n-Tetratriacontane (C34)	19.751	206594	1.452 ug/ml
20) T n-Hexatriacontane (C36)	20.467	73756	0.592 ug/ml
22) T n-Tetracontane (C40)	22.143	572956	5.696 ug/ml

(f)=RT Delta > 1/2 Window

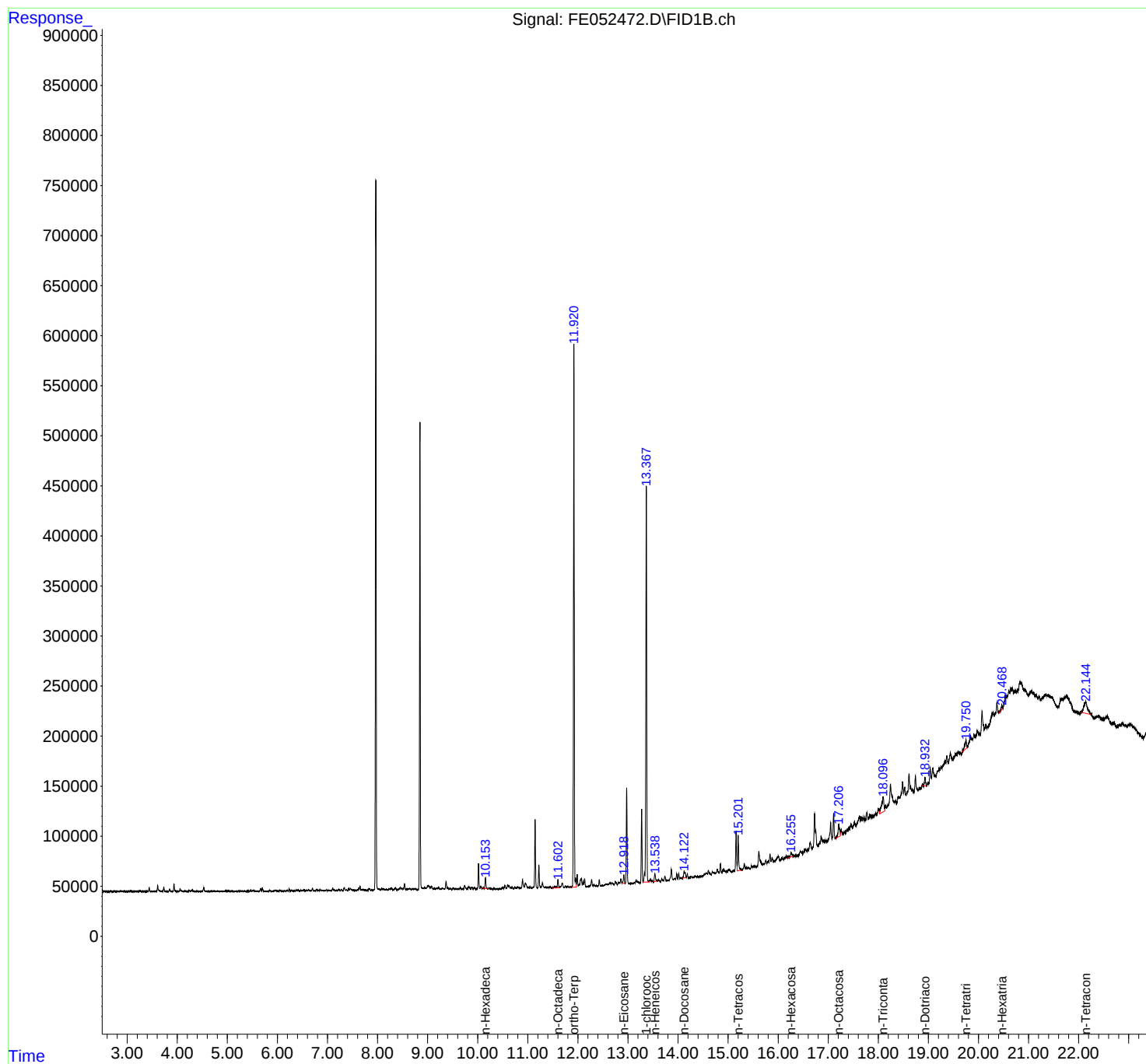
(m)=manual int.

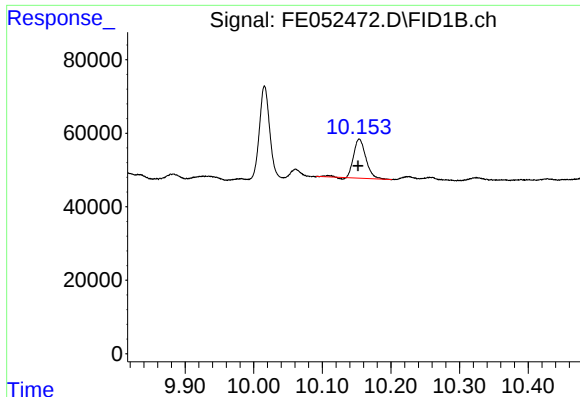
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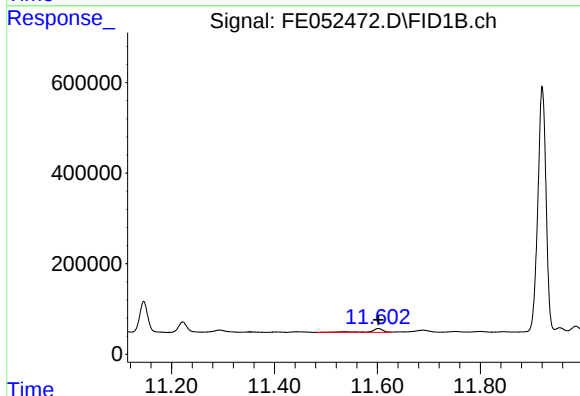




#7 n-Hexadecane (C16)

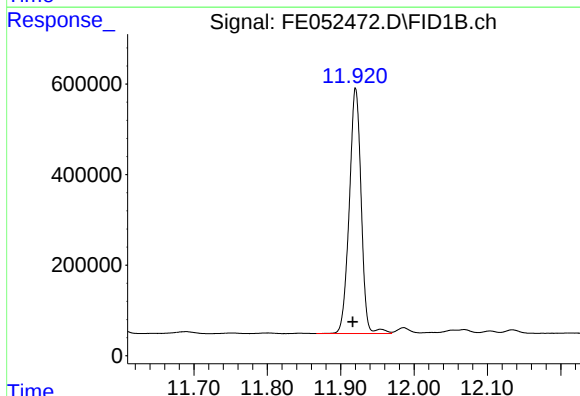
R.T.: 10.154 min
Delta R.T.: 0.002 min
Response: 132947
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :



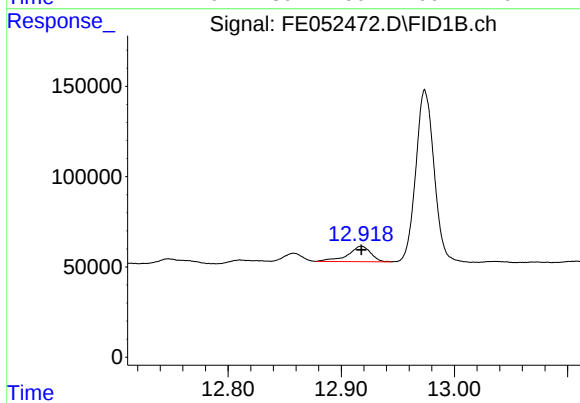
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 149206
Conc: 0.90 ug/ml



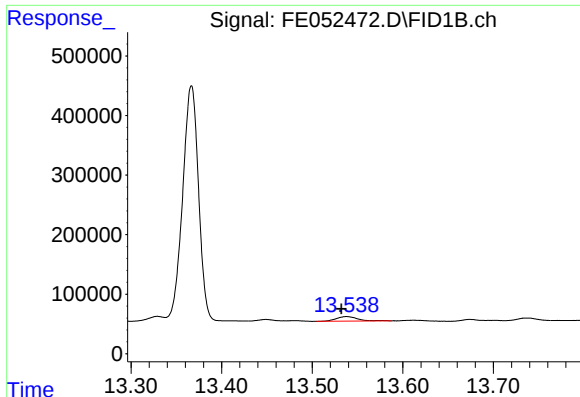
#9 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 6092957
Conc: 32.59 ug/ml



#10 n-Eicosane (C20)

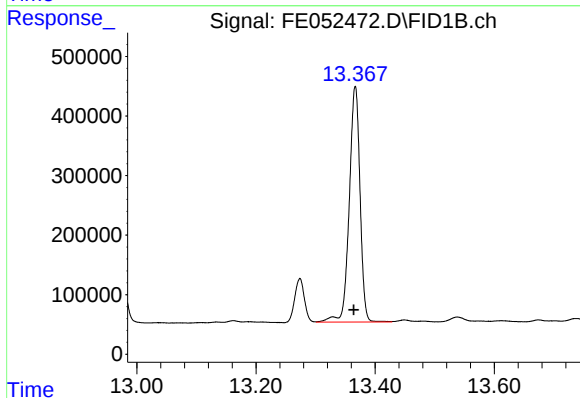
R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 121632
Conc: 0.76 ug/ml



#11 n-Heneicosane (C21)

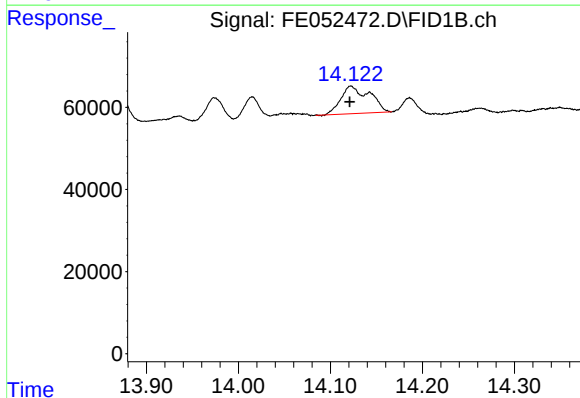
R.T.: 13.538 min
Delta R.T.: 0.006 min
Response: 126234
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :



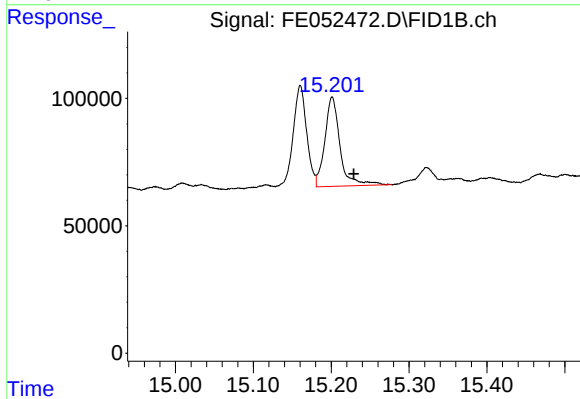
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 4968317
Conc: 35.74 ug/ml



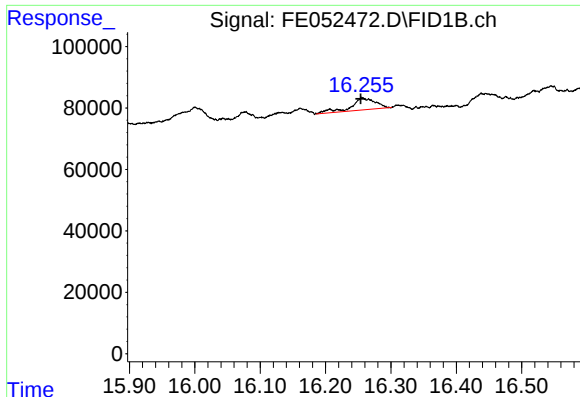
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.001 min
Response: 145463
Conc: 0.93 ug/ml



#14 n-Tetracosane (C24)

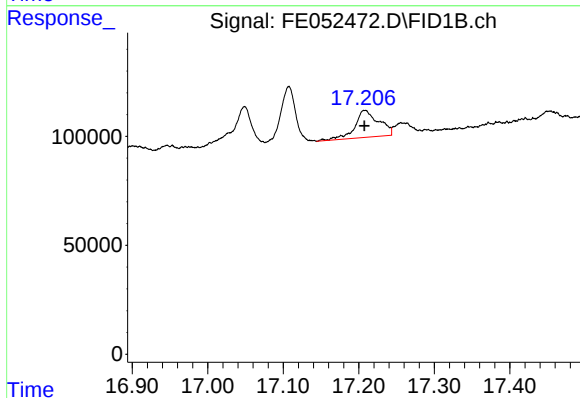
R.T.: 15.201 min
Delta R.T.: -0.028 min
Response: 475306
Conc: 3.02 ug/ml



#15 n-Hexacosane (C26)

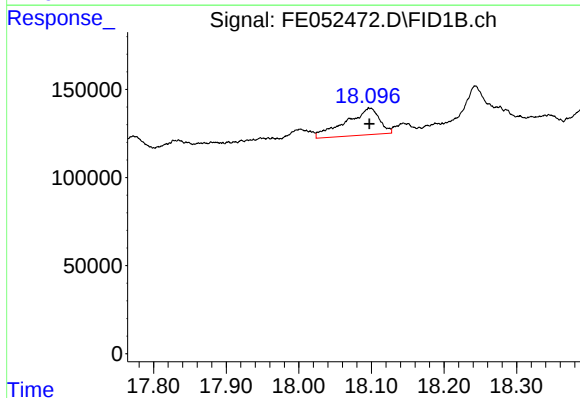
R.T.: 16.256 min
Delta R.T.: 0.002 min
Response: 99428
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



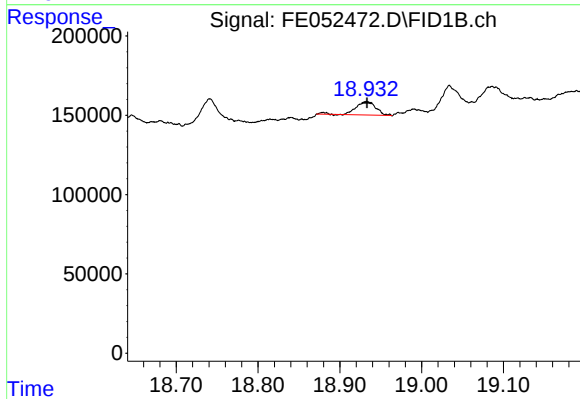
#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 274632
Conc: 1.80 ug/ml



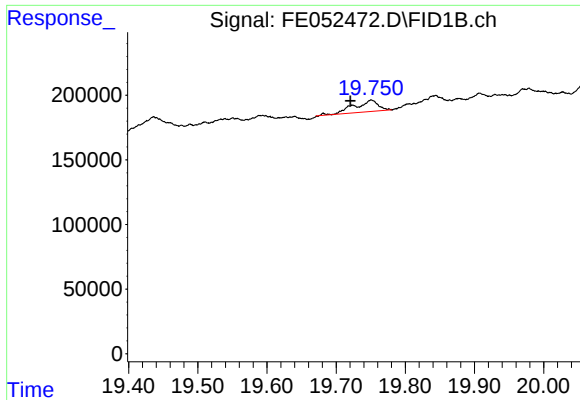
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: 0.000 min
Response: 489150
Conc: 3.13 ug/ml



#18 n-Dotriacontane (C32)

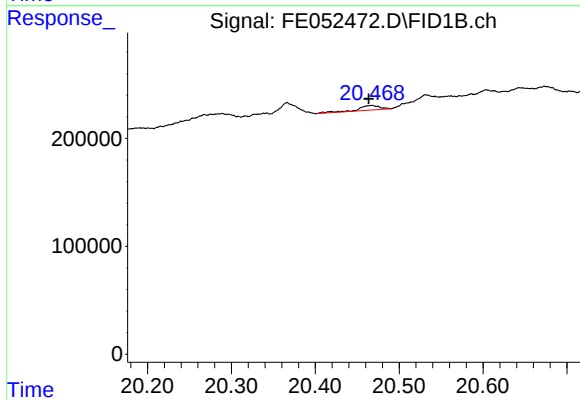
R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 138968
Conc: 0.91 ug/ml



#19 n-Tetratriacontane (C34)

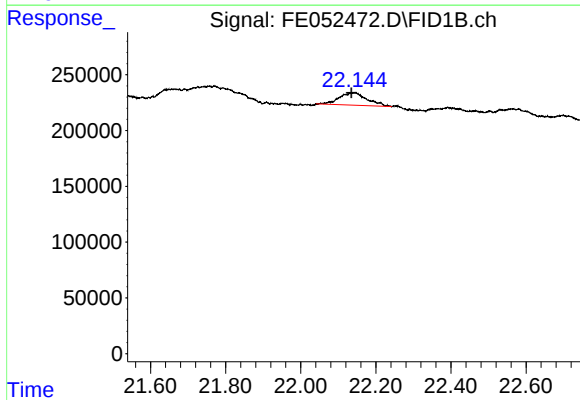
R.T.: 19.751 min
Delta R.T.: 0.030 min
Response: 206594
Conc: 1.45 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.003 min
Response: 73756
Conc: 0.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.008 min
Response: 572956
Conc: 5.70 ug/ml