

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061923AL\
 Data File : FE042699.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2023 11:57
 Operator : YP\AJ
 Sample : 03316-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:53:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 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)	11.932	5477398	28.286 ug/ml
Spiked Amount 50.000		Recovery =	56.57%
12) S 1-chlorooctadecane (S...	13.369	4229979	29.336 ug/ml
Spiked Amount 50.000		Recovery =	58.67%
Target Compounds			
7) T n-Hexadecane (C16)	10.167	132980	0.790 ug/ml
8) T n-Octadecane (C18)	11.610	222369	1.296 ug/ml
10) T n-Eicosane (C20)	12.921	239942	1.446 ug/ml
11) T n-Heneicosane (C21)	13.533	164859	1.012 ug/ml
13) T n-Docosane (C22)	14.119	130660	0.810 ug/ml
14) T n-Tetracosane (C24)	15.221	155302	0.983 ug/ml
15) T n-Hexacosane (C26)	16.245	154879	1.025 ug/ml
16) T n-Octacosane (C28)	17.193	188621	1.318 ug/ml
17) T n-Tricontane (C30)	18.083	399685	2.835 ug/ml
18) T n-Dotriacontane (C32)	18.917	351649	2.584 ug/ml
19) T n-Tetratriacontane (C34)	19.701	282290	2.135 ug/ml
20) T n-Hexatriacontane (C36)	20.437	260414	2.025 ug/ml
21) T n-Octatriacontane (C38)	21.190	242670	1.874 ug/ml
22) T n-Tetracontane (C40)	22.121	82035	0.629 ug/ml

(f)=RT Delta > 1/2 Window

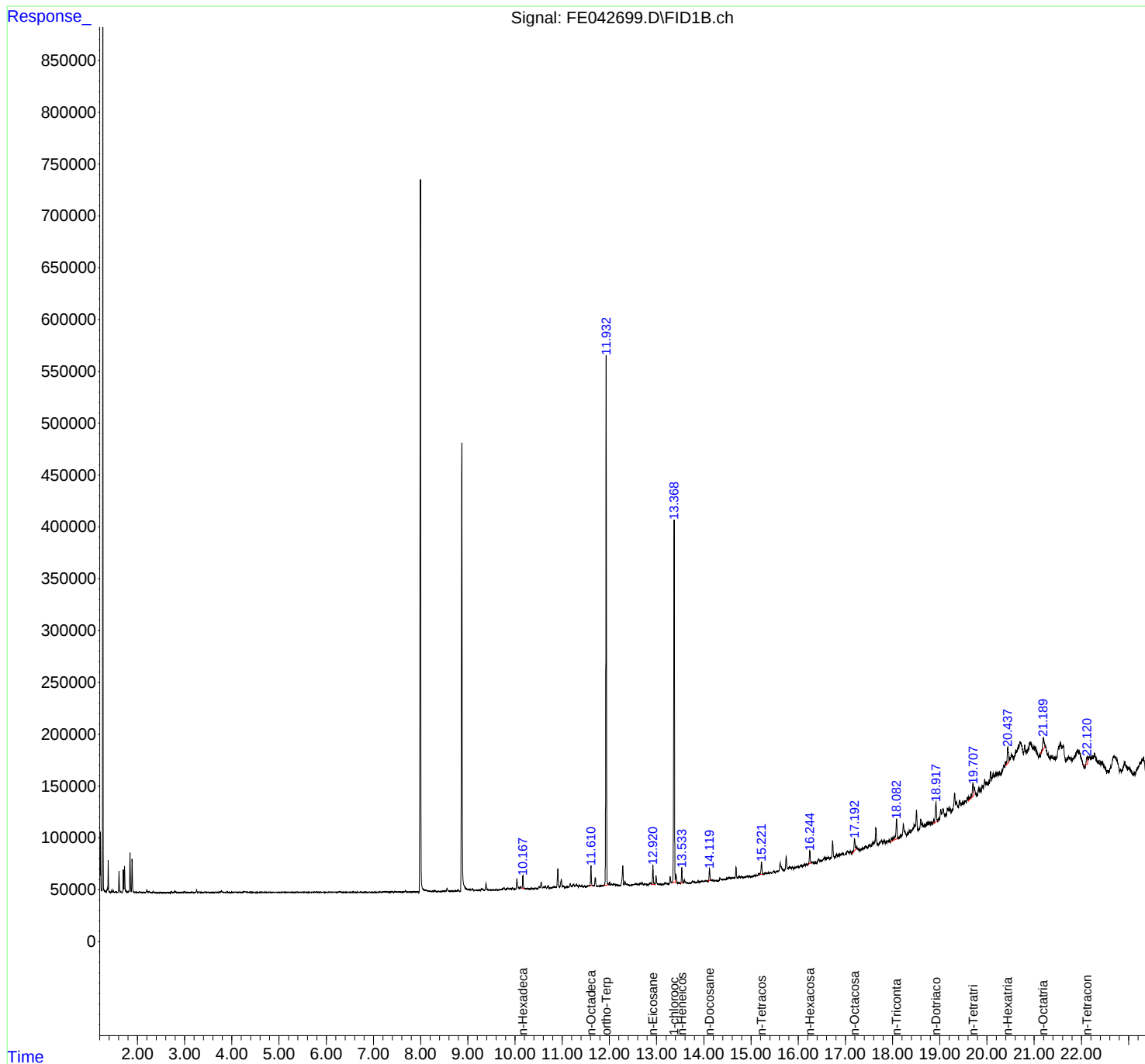
(m)=manual int.

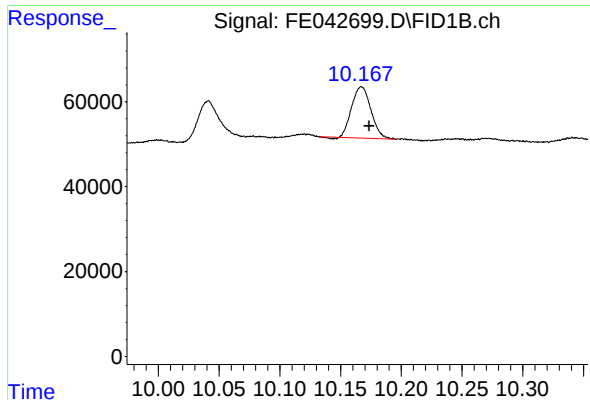
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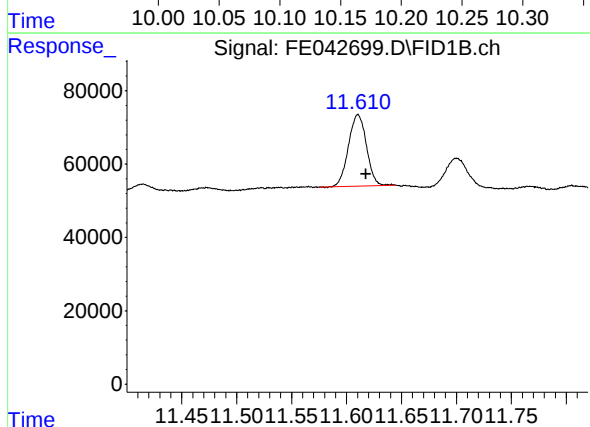




#7 n-Hexadecane (C16)

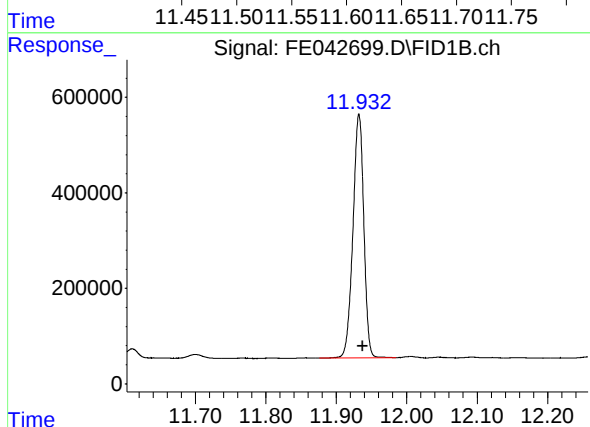
R.T.: 10.167 min
Delta R.T.: -0.007 min
Response: 132980
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :



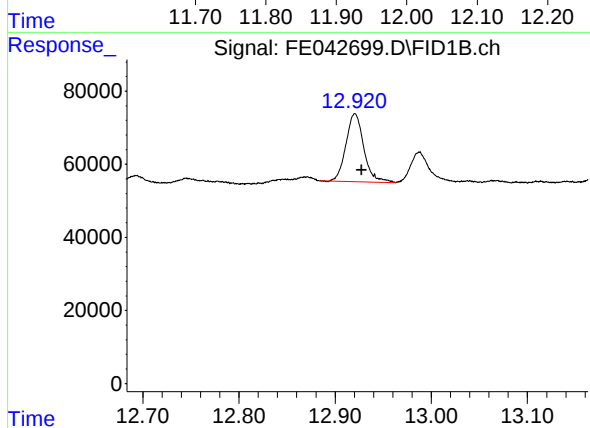
#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.007 min
Response: 222369
Conc: 1.30 ug/ml



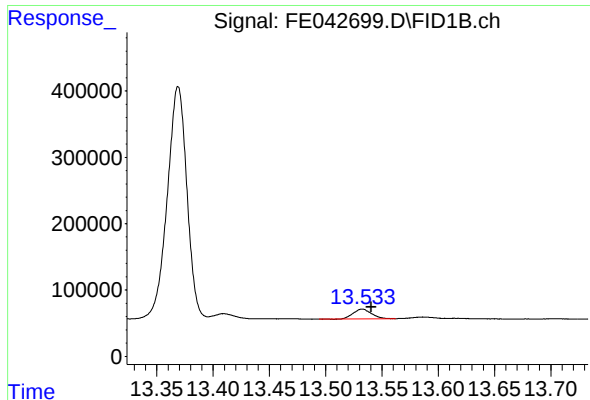
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 5477398
Conc: 28.29 ug/ml



#10 n-Eicosane (C20)

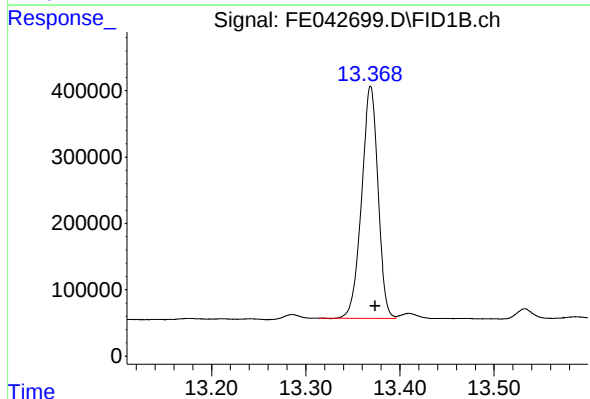
R.T.: 12.921 min
Delta R.T.: -0.007 min
Response: 239942
Conc: 1.45 ug/ml



#11 n-Heneicosane (C21)

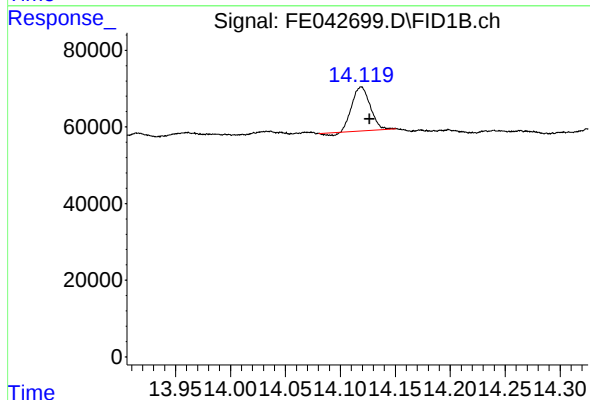
R.T.: 13.533 min
Delta R.T.: -0.008 min
Response: 164859
Conc: 1.01 ug/ml

Instrument :
FID_E
ClientSampleId :



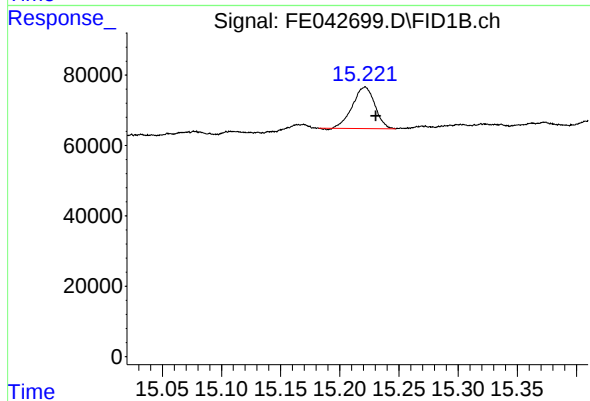
#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.005 min
Response: 4229979
Conc: 29.34 ug/ml



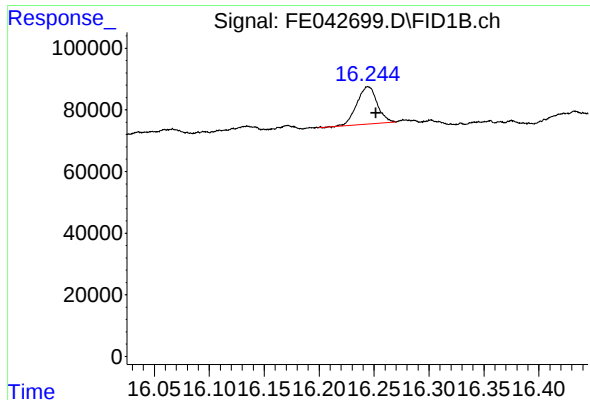
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.008 min
Response: 130660
Conc: 0.81 ug/ml



#14 n-Tetracosane (C24)

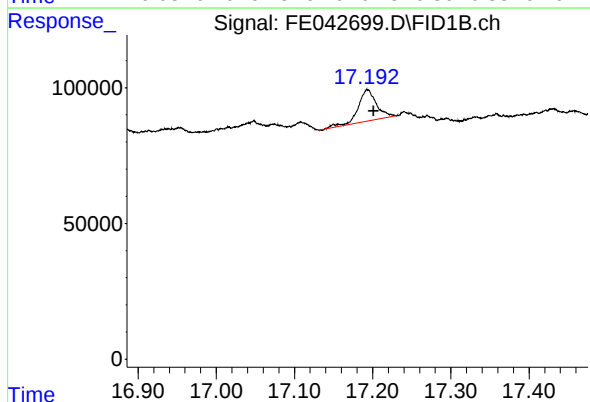
R.T.: 15.221 min
Delta R.T.: -0.009 min
Response: 155302
Conc: 0.98 ug/ml



#15 n-Hexacosane (C26)

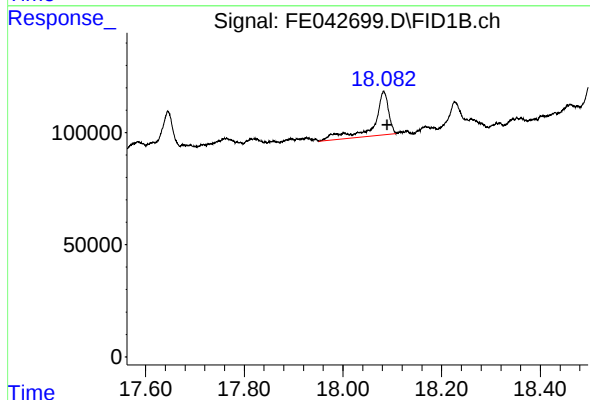
R.T.: 16.245 min
Delta R.T.: -0.007 min
Response: 154879
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



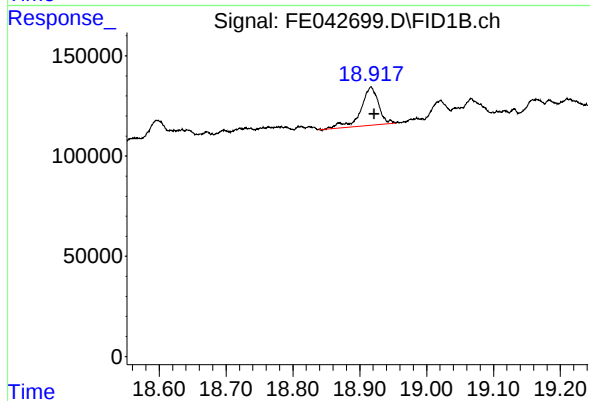
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.008 min
Response: 188621
Conc: 1.32 ug/ml



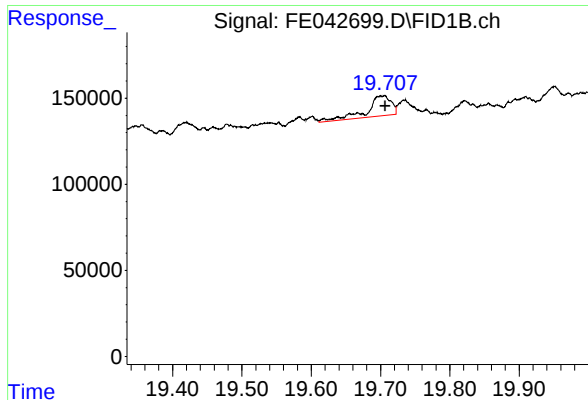
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.007 min
Response: 399685
Conc: 2.83 ug/ml



#18 n-Dotriacontane (C32)

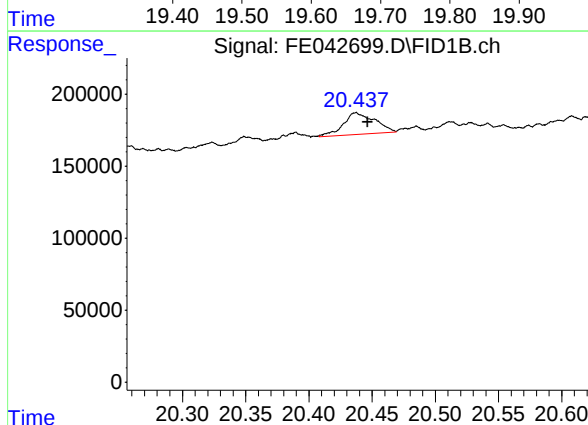
R.T.: 18.917 min
Delta R.T.: -0.005 min
Response: 351649
Conc: 2.58 ug/ml



#19 n-Tetratriacontane (C34)

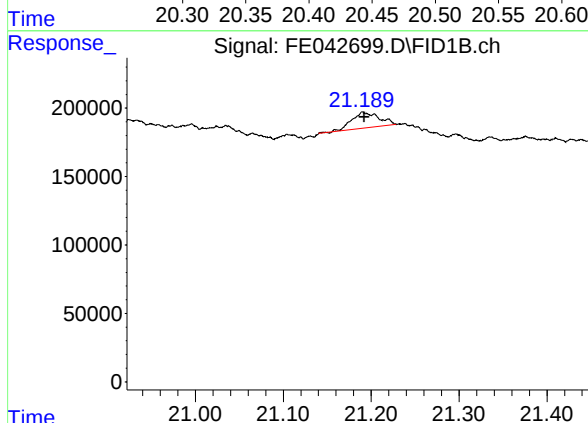
R.T.: 19.701 min
Delta R.T.: -0.006 min
Response: 282290
Conc: 2.14 ug/ml

Instrument :
FID_E
ClientSampleId :



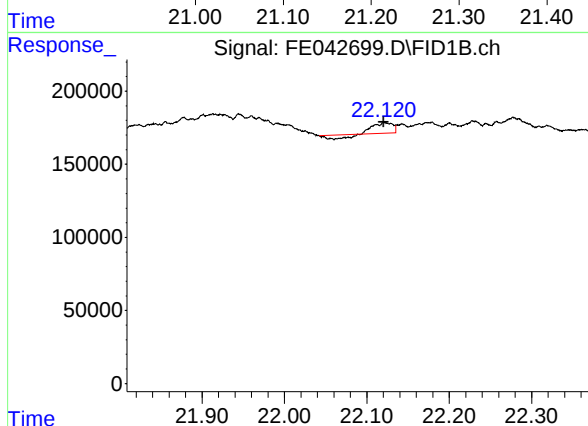
#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: -0.009 min
Response: 260414
Conc: 2.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.002 min
Response: 242670
Conc: 1.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: 0.000 min
Response: 82035
Conc: 0.63 ug/ml