

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061924AL\
 Data File : FE048790.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2024 17:10
 Operator : YP\AJ
 Sample : P2940-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:22:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.936	5580090	38.860 ug/ml
Spiked Amount 50.000		Recovery =	77.72%
12) S 1-chlorooctadecane (S...	13.372	9849392	90.410 ug/ml
Spiked Amount 50.000		Recovery =	180.82%
Target Compounds			
6) T n-Tetradecane (C14)	8.564	44698	0.315 ug/ml
7) T n-Hexadecane (C16)	10.171	143407	1.017 ug/ml
8) T n-Octadecane (C18)	11.614	140872	1.014 ug/ml
10) T n-Eicosane (C20)	12.922	167461	1.265 ug/ml
11) T n-Heneicosane (C21)	13.542	151572	1.170 ug/ml
13) T n-Docosane (C22)	14.153	78160	0.607 ug/ml
14) T n-Tetracosane (C24)	15.204	247256	1.909 ug/ml
15) T n-Hexacosane (C26)	16.240	51660	0.399 ug/ml
16) T n-Octacosane (C28)	17.192	58493	0.453 ug/ml
17) T n-Tricontane (C30)	18.077	150554	1.124 ug/ml
18) T n-Dotriacontane (C32)	18.906	113375	0.835 ug/ml
19) T n-Tetratriacontane (C34)	19.692	53736	0.393 ug/ml

(f)=RT Delta > 1/2 Window

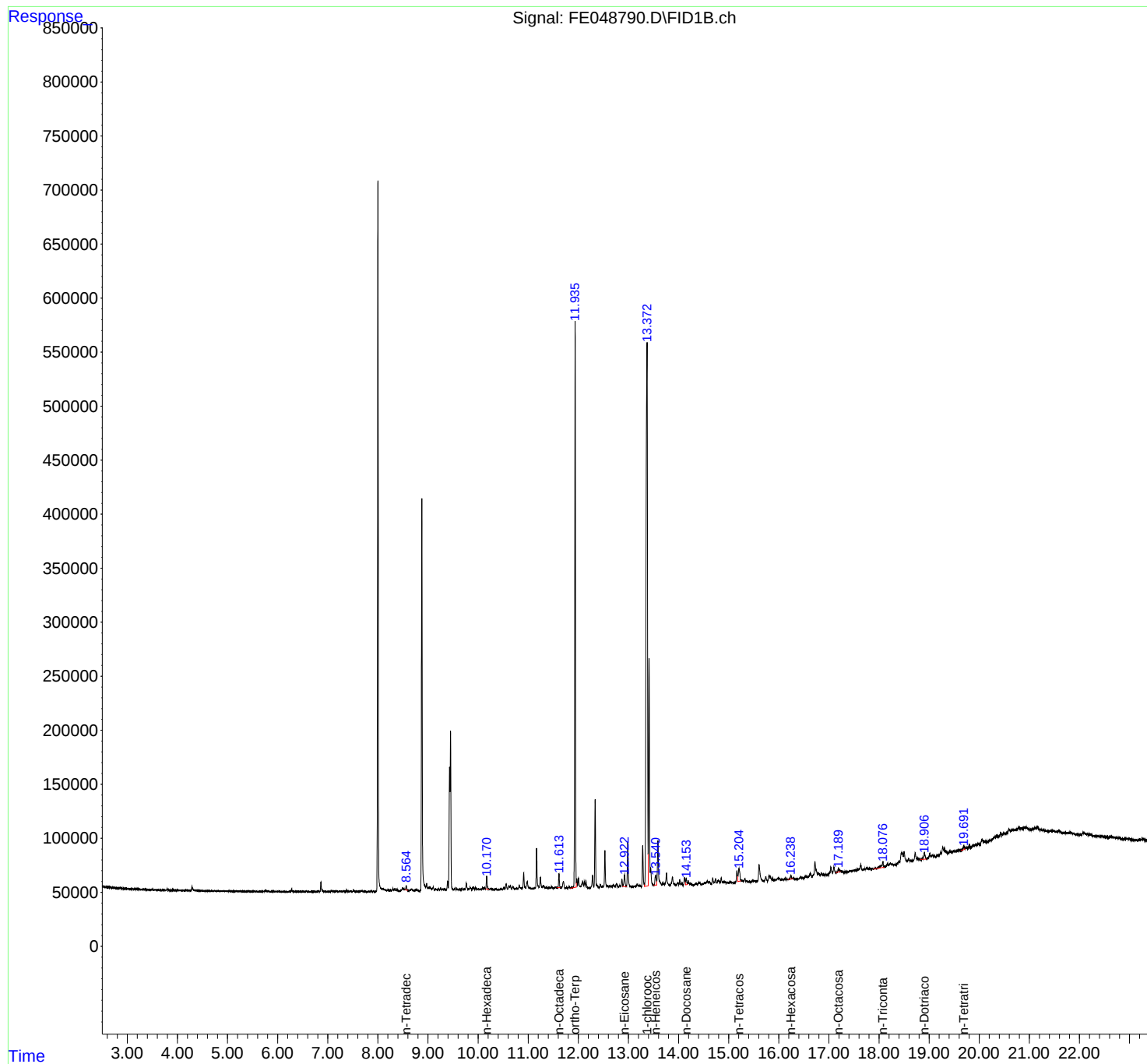
(m)=manual int.

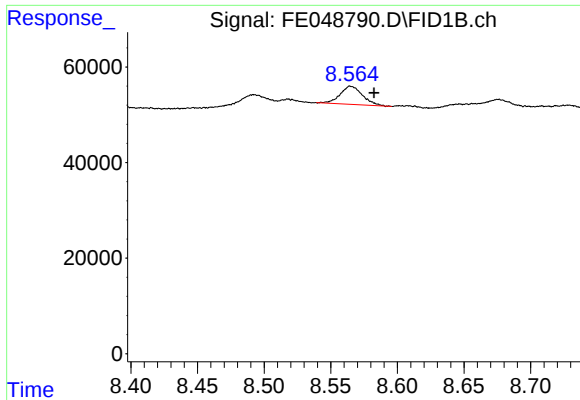
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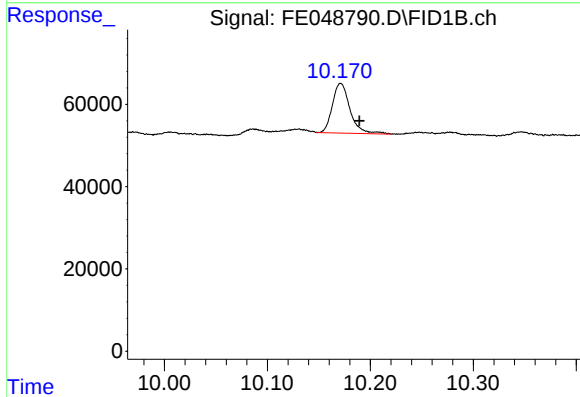




#6 n-Tetradecane (C14)

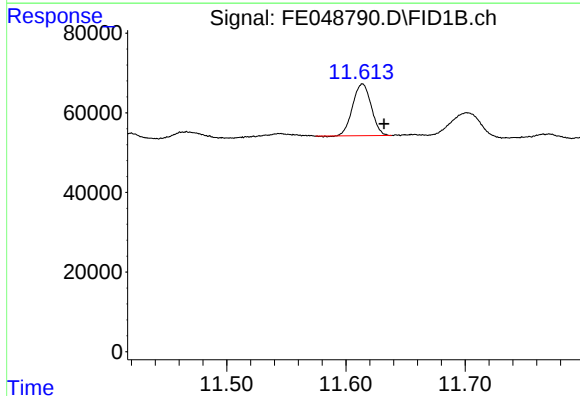
R.T.: 8.564 min
Delta R.T.: -0.018 min
Response: 44698
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



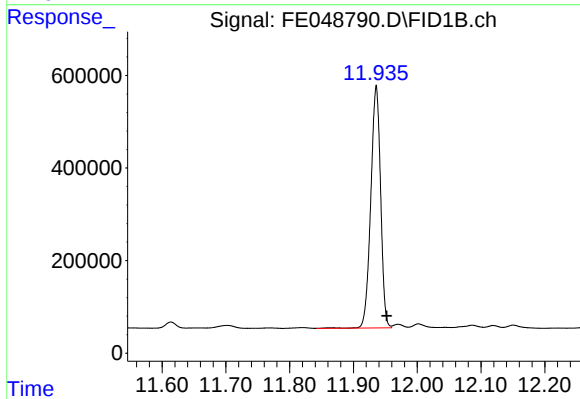
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.018 min
Response: 143407
Conc: 1.02 ug/ml



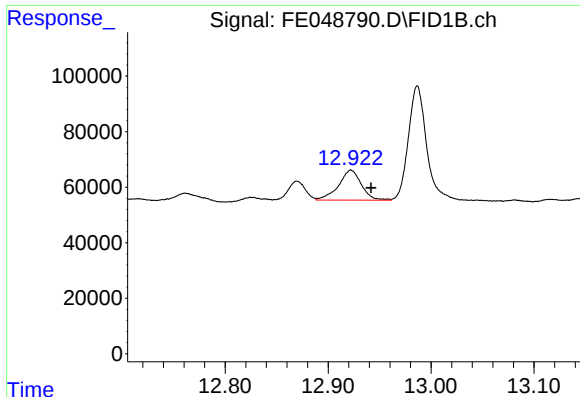
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: -0.018 min
Response: 140872
Conc: 1.01 ug/ml



#9 ortho-Terphenyl (SURR)

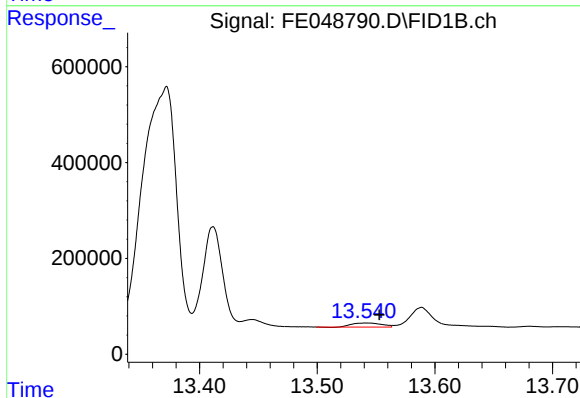
R.T.: 11.936 min
Delta R.T.: -0.016 min
Response: 5580090
Conc: 38.86 ug/ml



#10 n-Eicosane (C20)

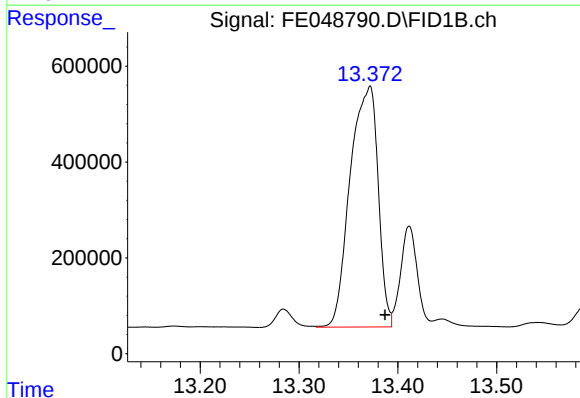
R.T.: 12.922 min
Delta R.T.: -0.019 min
Response: 167461
Conc: 1.27 ug/ml

Instrument :
FID_E
ClientSampleId :



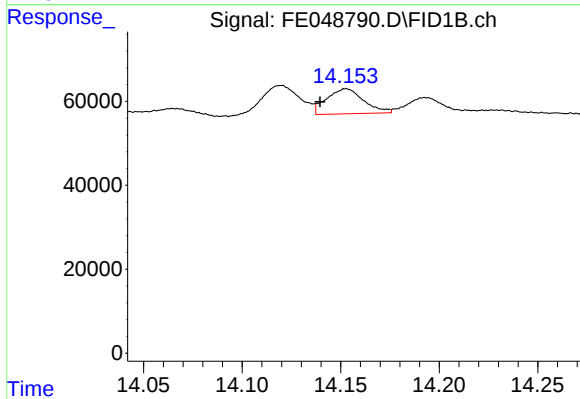
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 151572
Conc: 1.17 ug/ml



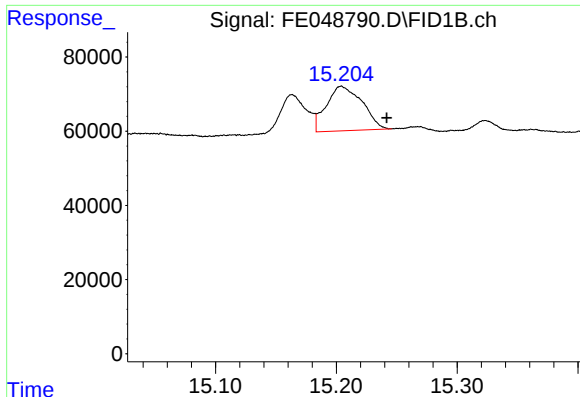
#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 9849392
Conc: 90.41 ug/ml



#13 n-Docosane (C22)

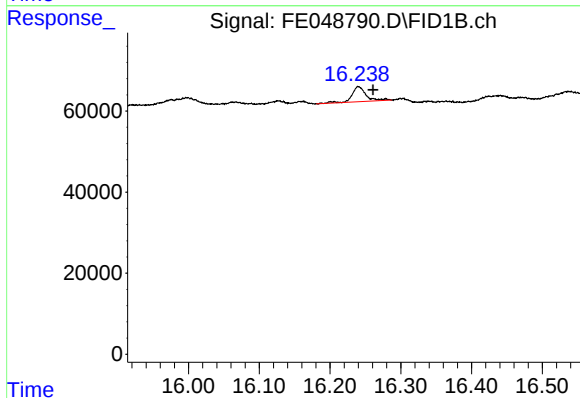
R.T.: 14.153 min
Delta R.T.: 0.013 min
Response: 78160
Conc: 0.61 ug/ml



#14 n-Tetracosane (C24)

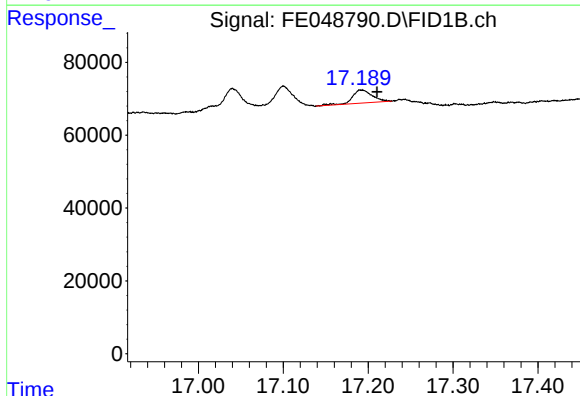
R.T.: 15.204 min
Delta R.T.: -0.038 min
Response: 247256
Conc: 1.91 ug/ml

Instrument :
FID_E
ClientSampleId :



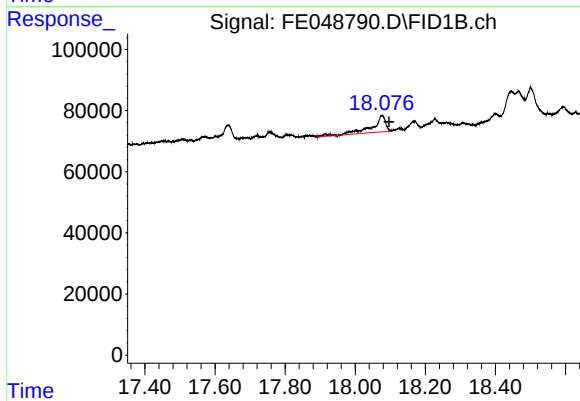
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.020 min
Response: 51660
Conc: 0.40 ug/ml



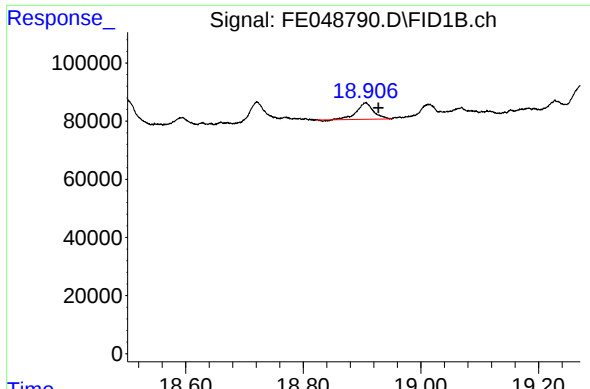
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.019 min
Response: 58493
Conc: 0.45 ug/ml



#17 n-Tricontane (C30)

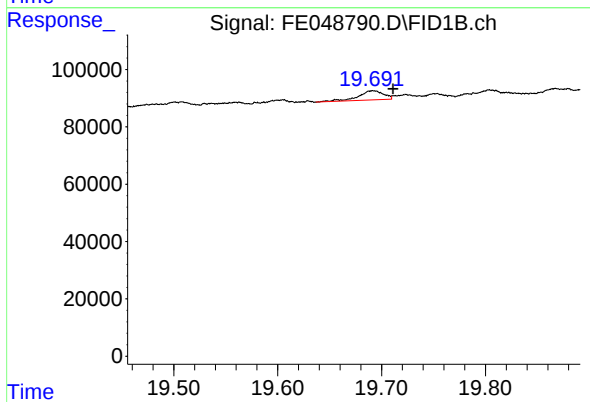
R.T.: 18.077 min
Delta R.T.: -0.019 min
Response: 150554
Conc: 1.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.022 min
Response: 113375
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.019 min
Response: 53736
Conc: 0.39 ug/ml