

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045111.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 18:49
 Operator : YP\AJ
 Sample : 05164-01D
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 23:58:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.902	6664073	33.243 ug/ml
Spiked Amount 50.000		Recovery =	66.49%
12) S 1-chlorooctadecane (S...	13.344	5200340	35.141 ug/ml
Spiked Amount 50.000		Recovery =	70.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.491f	60910	0.355 ug/ml
10) T n-Eicosane (C20)	12.954	664072	3.976 ug/ml
11) T n-Heneicosane (C21)	13.522	57971	0.356 ug/ml
14) T n-Tetracosane (C24)	15.178	411894	2.654 ug/ml
15) T n-Hexacosane (C26)	16.227	77897	0.519 ug/ml
16) T n-Octacosane (C28)	17.181	236344	1.609 ug/ml
17) T n-Tricontane (C30)	18.068	444863	2.991 ug/ml
18) T n-Dotriacontane (C32)	18.901	487379	3.247 ug/ml
19) T n-Tetratriacontane (C34)	19.691	560454	3.765 ug/ml
20) T n-Hexatriacontane (C36)	20.431	1528690	9.943 ug/ml
21) T n-Octatriacontane (C38)	21.202	1417085	9.072 ug/ml
22) T n-Tetracontane (C40)	22.072	169855	1.016 ug/ml

(f)=RT Delta > 1/2 Window

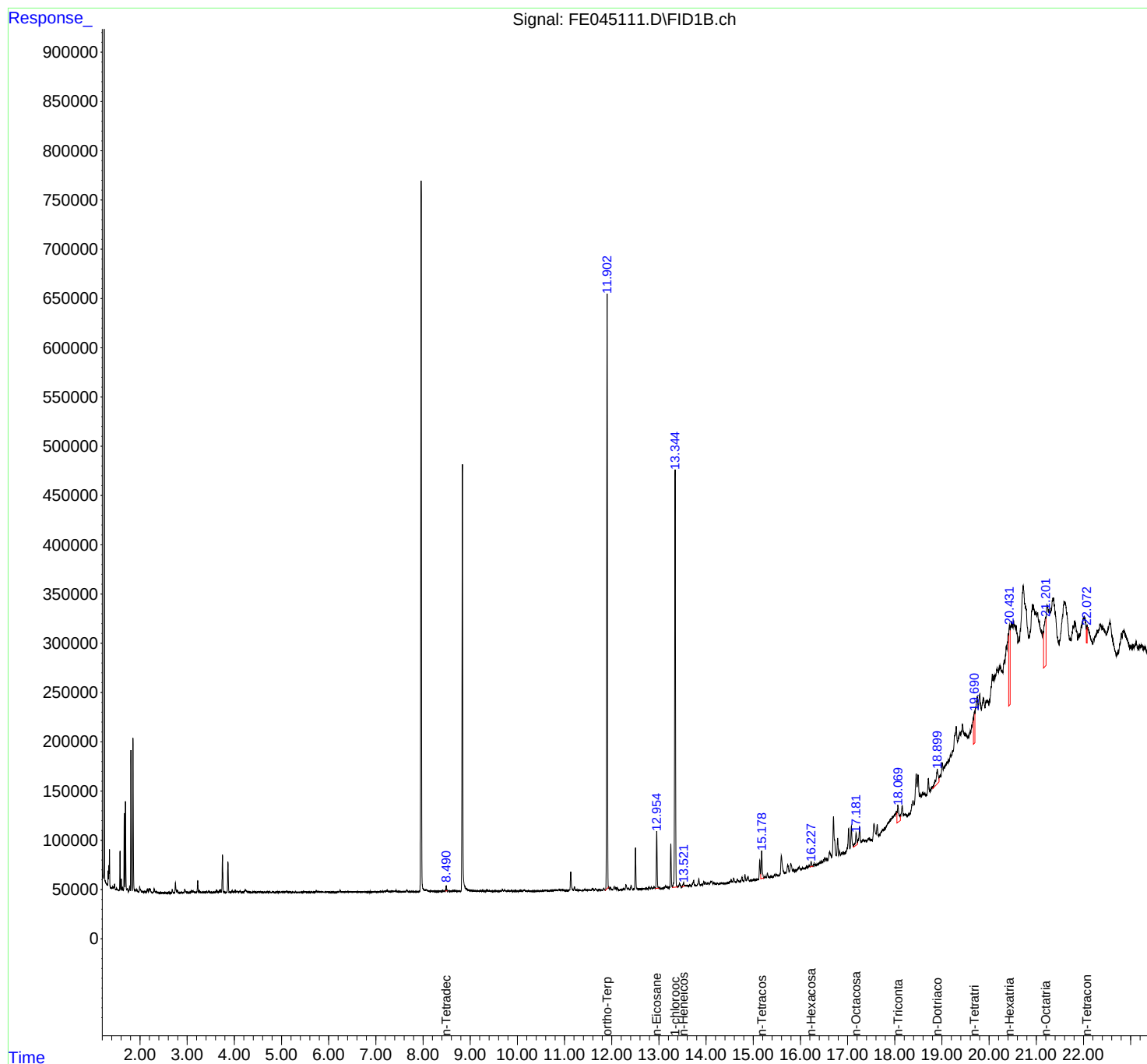
(m)=manual int.

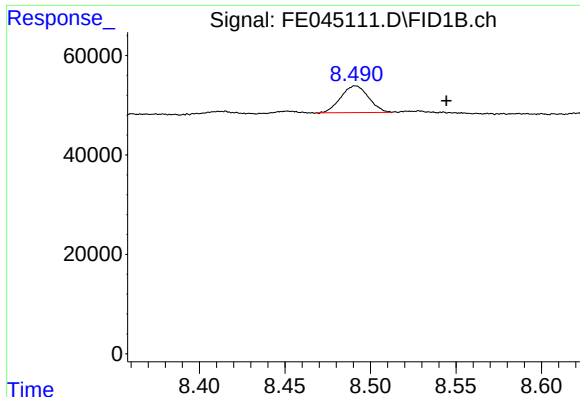
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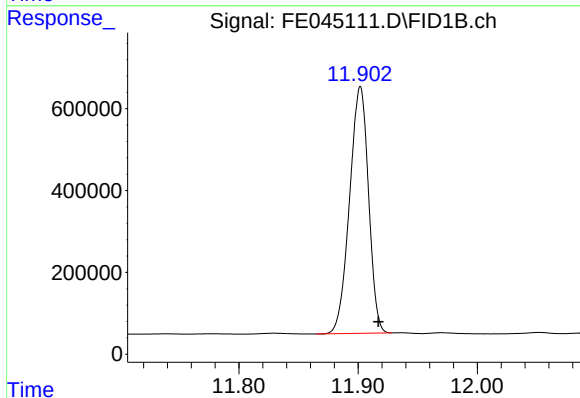




#6 n-Tetradecane (C14)

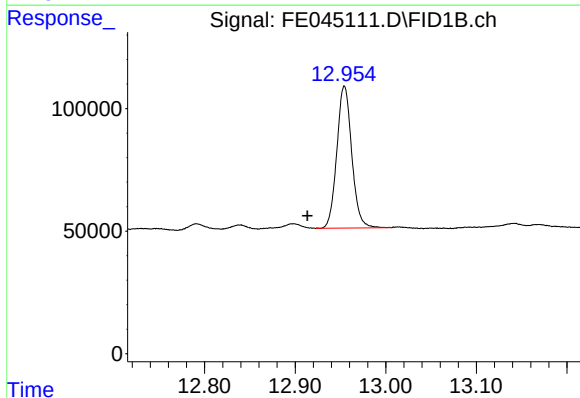
R.T.: 8.491 min
Delta R.T.: -0.053 min
Response: 60910
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



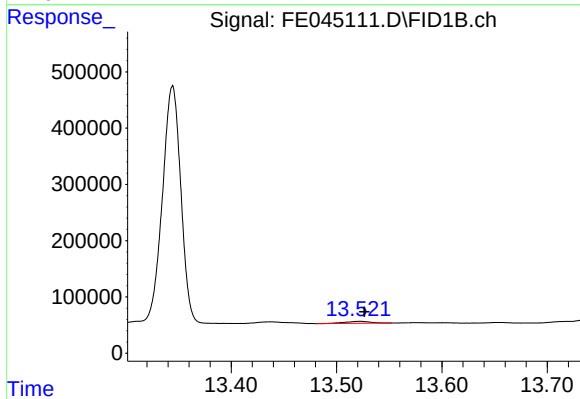
#9 ortho-Terphenyl (SURRE)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 6664073
Conc: 33.24 ug/ml



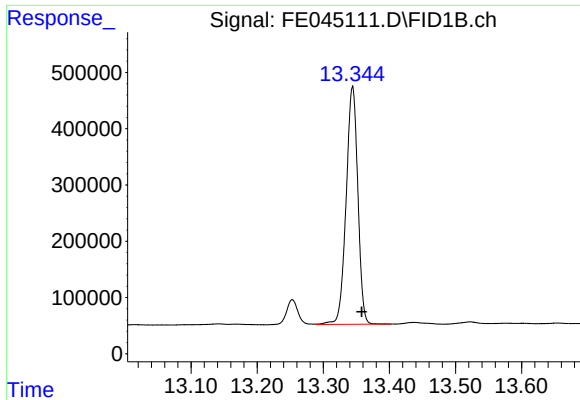
#10 n-Eicosane (C20)

R.T.: 12.954 min
Delta R.T.: 0.041 min
Response: 664072
Conc: 3.98 ug/ml



#11 n-Heneicosane (C21)

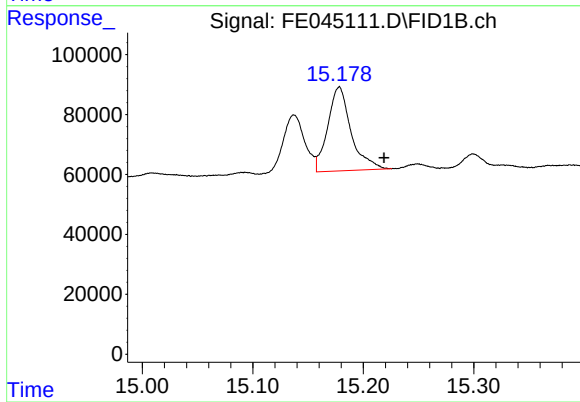
R.T.: 13.522 min
Delta R.T.: -0.004 min
Response: 57971
Conc: 0.36 ug/ml



#12 1-chlorooctadecane (SURR)

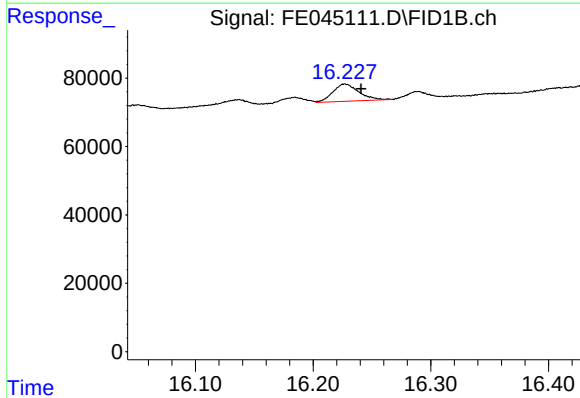
R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 5200340
Conc: 35.14 ug/ml

Instrument :
FID_E
ClientSampleId :



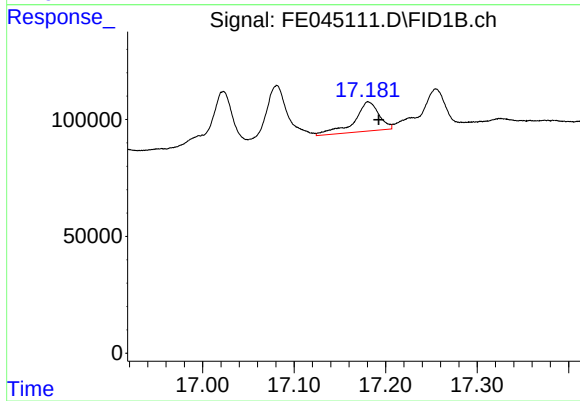
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.040 min
Response: 411894
Conc: 2.65 ug/ml



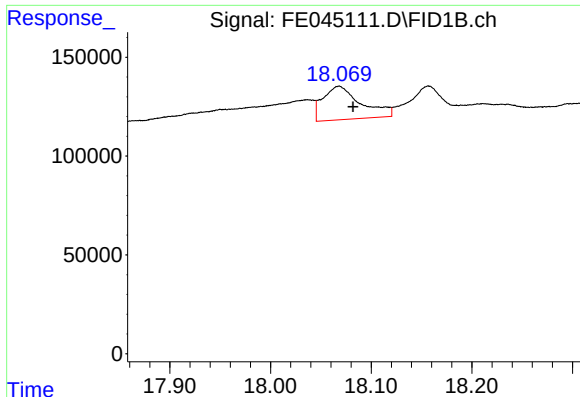
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 77897
Conc: 0.52 ug/ml



#16 n-Octacosane (C28)

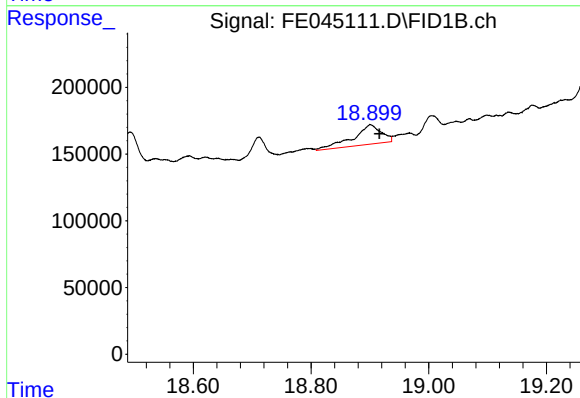
R.T.: 17.181 min
Delta R.T.: -0.012 min
Response: 236344
Conc: 1.61 ug/ml



#17 n-Tricontane (C30)

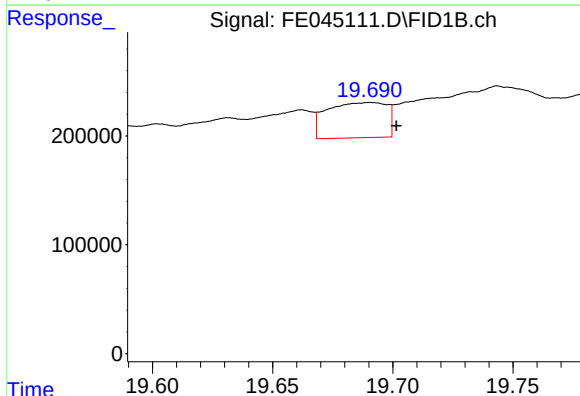
R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 444863
Conc: 2.99 ug/ml

Instrument :
FID_E
ClientSampleId :



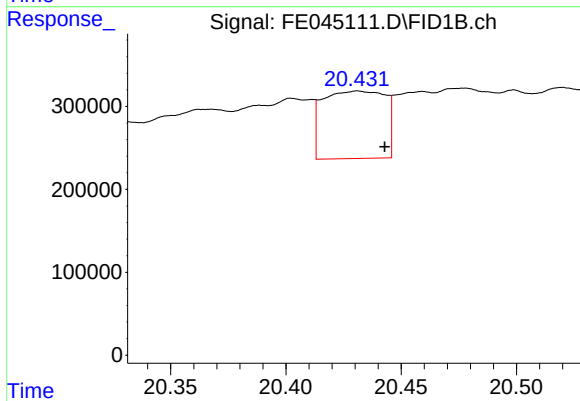
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 487379
Conc: 3.25 ug/ml



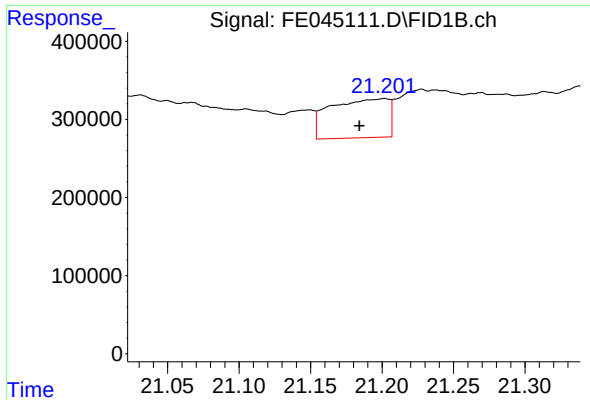
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.011 min
Response: 560454
Conc: 3.76 ug/ml



#20 n-Hexatriacontane (C36)

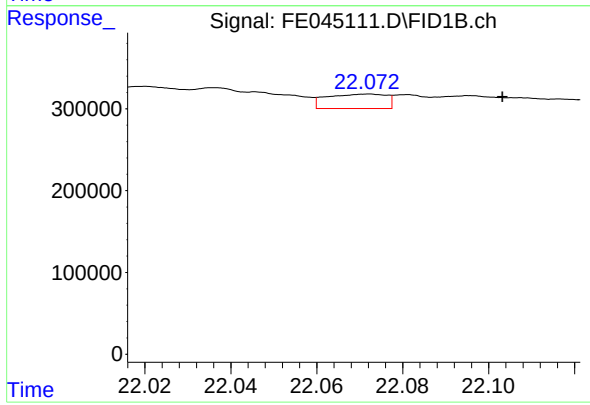
R.T.: 20.431 min
Delta R.T.: -0.012 min
Response: 1528690
Conc: 9.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.018 min
Response: 1417085
Conc: 9.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.031 min
Response: 169855
Conc: 1.02 ug/ml