

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032723AL\
 Data File : FE041032.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2023 16:24
 Operator : YP\AJ
 Sample : 02082-02D
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 28 03:24:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.869	5448693	28.992 ug/ml
Spiked Amount 50.000		Recovery =	57.98%
12) S 1-chlorooctadecane (S...	13.308	4359307	30.298 ug/ml
Spiked Amount 50.000		Recovery =	60.60%
Target Compounds			
8) T n-Octadecane (C18)	11.551	32664	0.183 ug/ml
10) T n-Eicosane (C20)	12.859	70961	0.416 ug/ml
11) T n-Heneicosane (C21)	13.476	48455	0.286 ug/ml
13) T n-Docosane (C22)	14.063	40231	0.243 ug/ml
14) T n-Tetracosane (C24)	15.159	494278	3.055 ug/ml
15) T n-Hexacosane (C26)	16.187	65026	0.419 ug/ml
16) T n-Octacosane (C28)	17.139	105788	0.691 ug/ml
17) T n-Tricontane (C30)	18.027	489444	3.202 ug/ml
18) T n-Dotriacontane (C32)	18.857	409187	2.621 ug/ml
19) T n-Tetratriacontane (C34)	19.647	76358	0.493 ug/ml
20) T n-Hexatriacontane (C36)	20.394	359133	2.364 ug/ml
21) T n-Octatriacontane (C38)	21.124	245466	1.571 ug/ml
22) T n-Tetracontane (C40)	22.007	100087	0.627 ug/ml

(f)=RT Delta > 1/2 Window

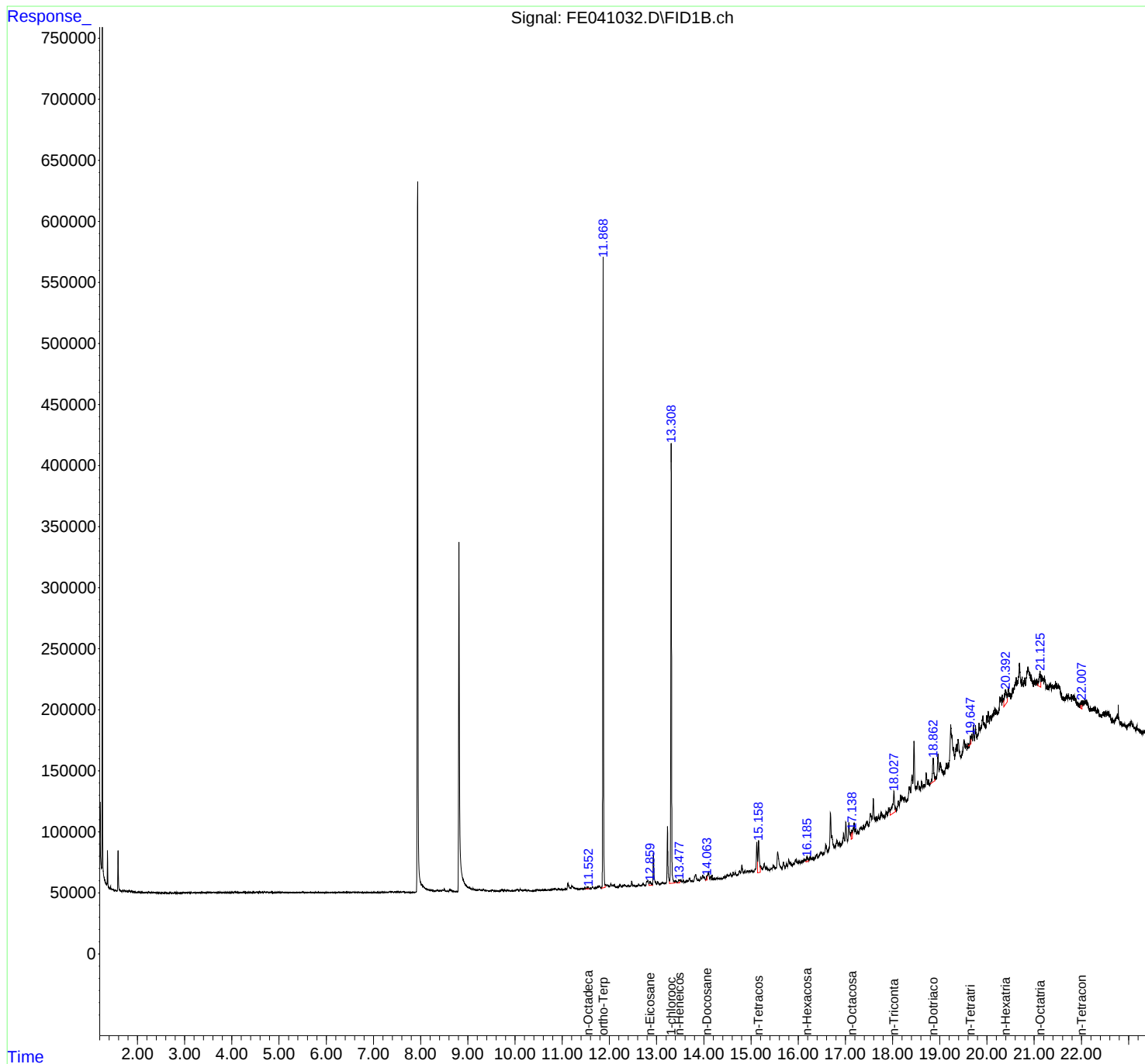
(m)=manual int.

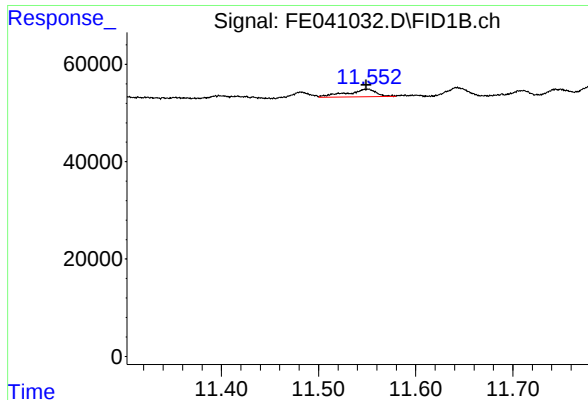
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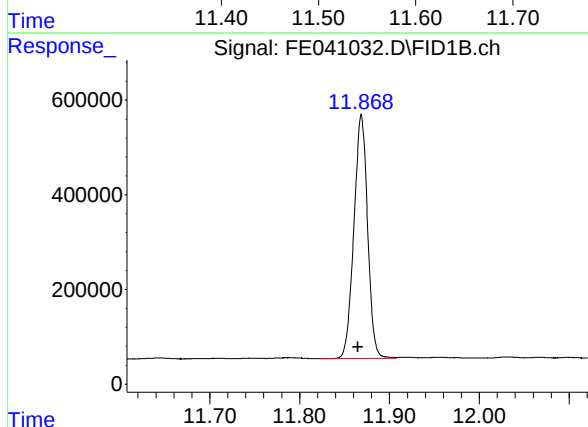




#8 n-Octadecane (C18)

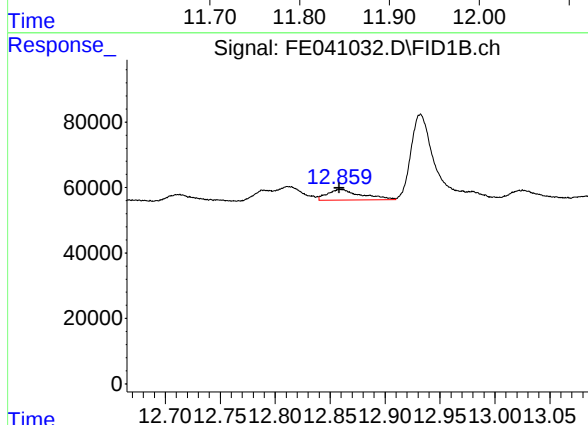
R.T.: 11.551 min
Delta R.T.: 0.001 min
Response: 32664
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



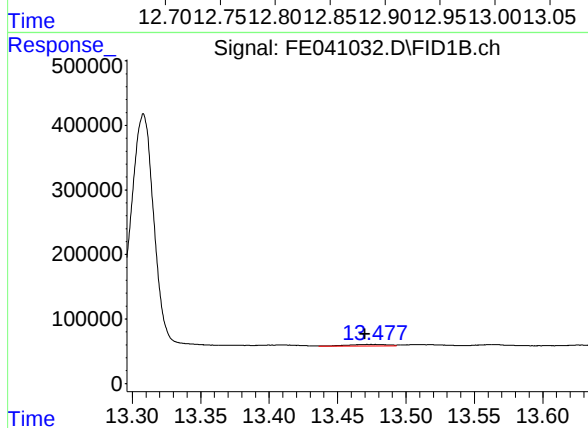
#9 ortho-Terphenyl (SURR)

R.T.: 11.869 min
Delta R.T.: 0.004 min
Response: 5448693
Conc: 28.99 ug/ml



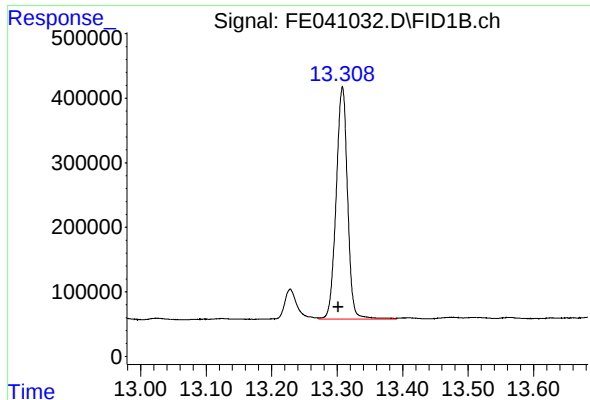
#10 n-Eicosane (C20)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 70961
Conc: 0.42 ug/ml



#11 n-Heneicosane (C21)

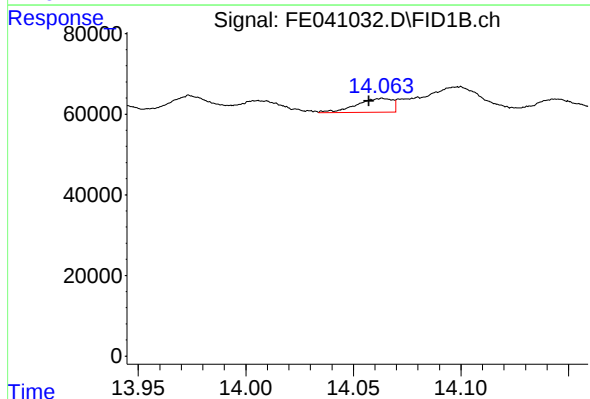
R.T.: 13.476 min
Delta R.T.: 0.007 min
Response: 48455
Conc: 0.29 ug/ml



#12 1-chlorooctadecane (SURR)

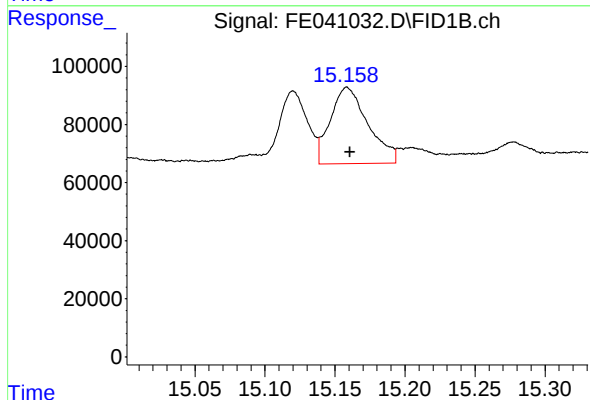
R.T.: 13.308 min
Delta R.T.: 0.006 min
Response: 4359307
Conc: 30.30 ug/ml

Instrument :
FID_E
ClientSampleId :



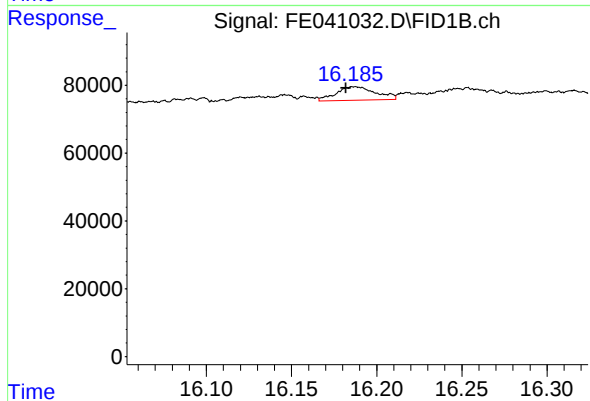
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.006 min
Response: 40231
Conc: 0.24 ug/ml



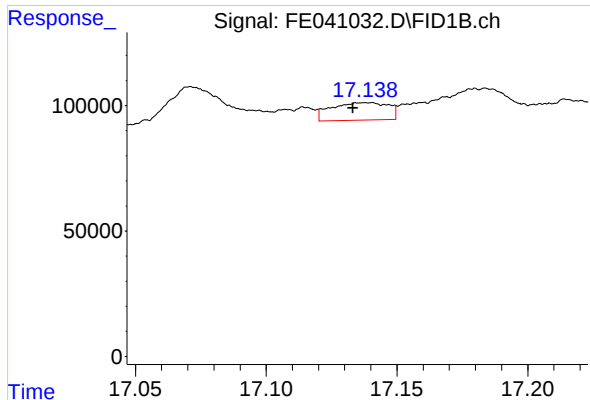
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.002 min
Response: 494278
Conc: 3.06 ug/ml



#15 n-Hexacosane (C26)

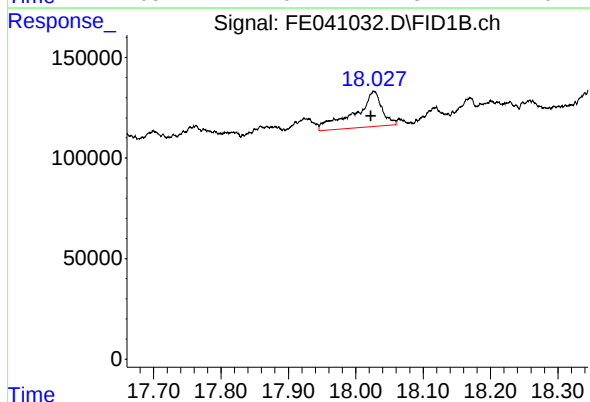
R.T.: 16.187 min
Delta R.T.: 0.005 min
Response: 65026
Conc: 0.42 ug/ml



#16 n-Octacosane (C28)

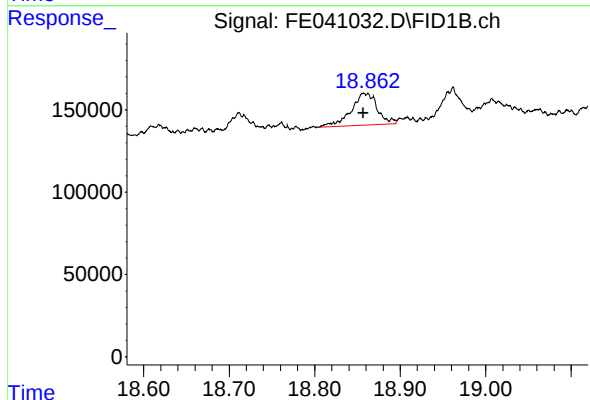
R.T.: 17.139 min
Delta R.T.: 0.005 min
Response: 105788
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



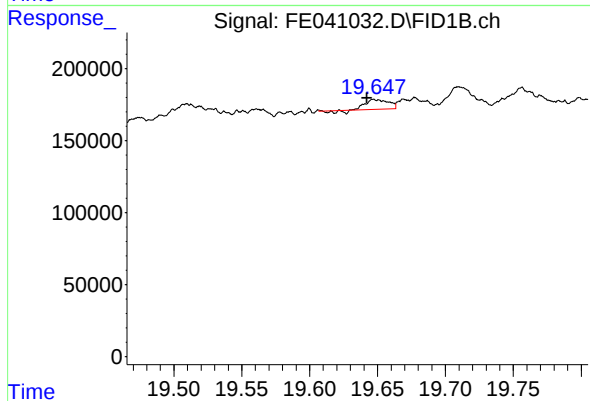
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.005 min
Response: 489444
Conc: 3.20 ug/ml



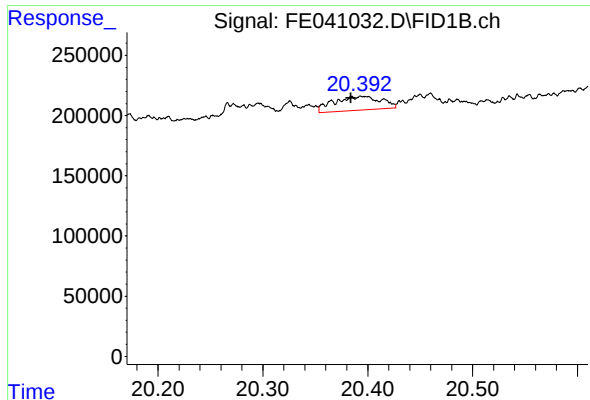
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 409187
Conc: 2.62 ug/ml



#19 n-Tetratriacontane (C34)

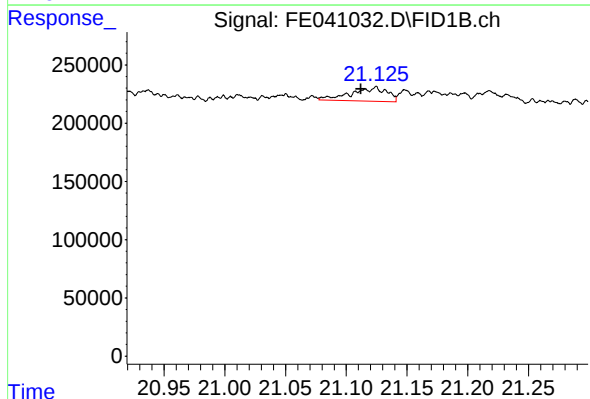
R.T.: 19.647 min
Delta R.T.: 0.005 min
Response: 76358
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

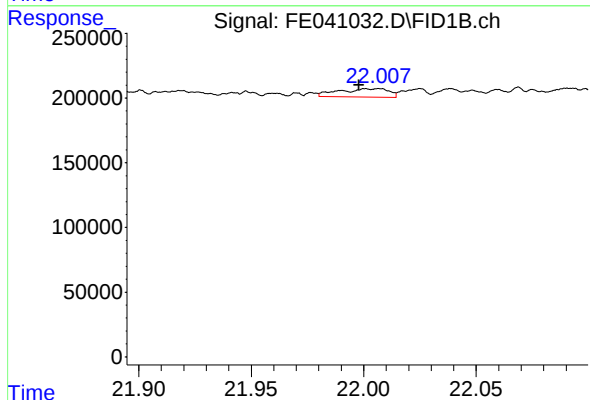
R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 359133
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.012 min
Response: 245466
Conc: 1.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.009 min
Response: 100087
Conc: 0.63 ug/ml