

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082621AL\
 Data File : FD038703.D
 Signal(s) : FID2B.CH
 Acq On : 26 Aug 2021 22:00
 Operator : AJ\MA
 Sample : M3541-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 27 10:24:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.353	2743489	20.098 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	12.790	2301272	21.400 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
6) T n-Tetradecane (C14)	7.988	5744	0.047 ug/ml
8) T n-Octadecane (C18)	11.044	6938	0.055 ug/ml
13) T n-Docosane (C22)	13.541	12461	0.098 ug/ml
14) T n-Tetracosane (C24)	14.637	12717	0.099 ug/ml
15) T n-Hexacosane (C26)	15.651	14534	0.114 ug/ml
16) T n-Octacosane (C28)	16.597	19364	0.152 ug/ml
17) T n-Tricontane (C30)	17.479	36324	0.287 ug/ml
18) T n-Dotriacontane (C32)	18.305	62636	0.510 ug/ml
19) T n-Tetratriacontane (C34)	19.087	32025	0.268 ug/ml
20) T n-Hexatriacontane (C36)	19.822	29843	0.268 ug/ml
21) T n-Octatriacontane (C38)	20.519	51862	0.502 ug/ml
22) T n-Tetracontane (C40)	21.324	39904	0.398 ug/ml

(f)=RT Delta > 1/2 Window

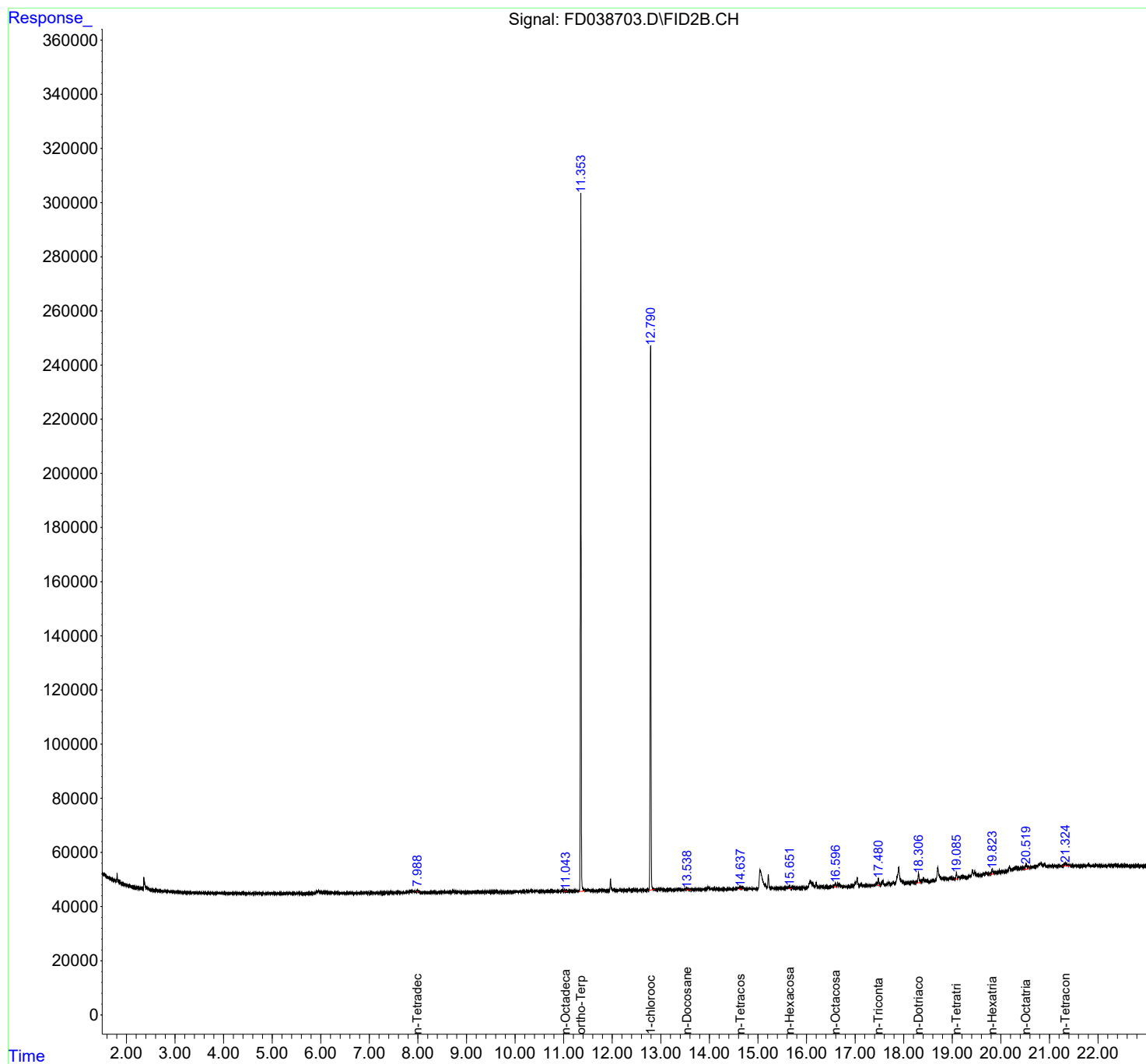
(m)=manual int.

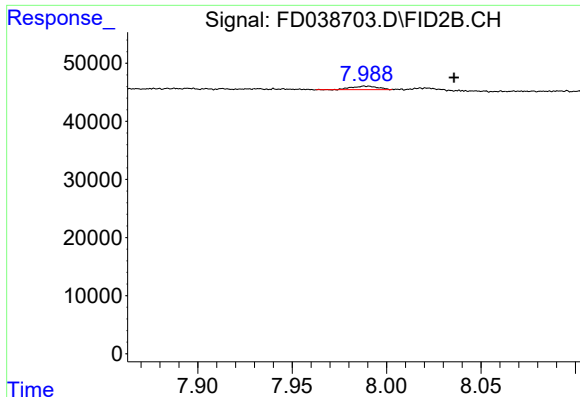
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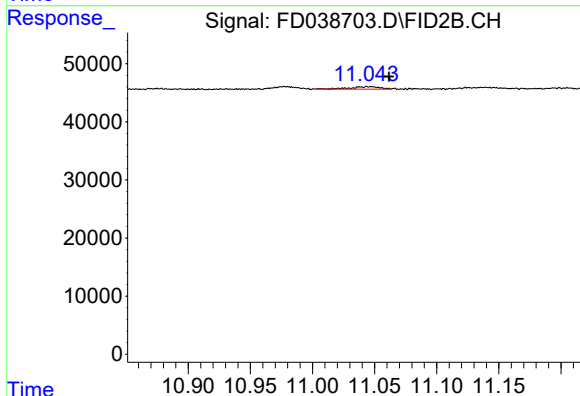




#6 n-Tetradecane (C14)

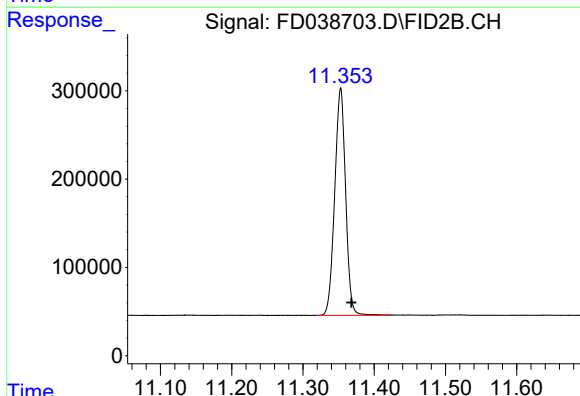
R.T.: 7.988 min
Delta R.T.: -0.048 min
Response: 5744
Conc: 0.05 ug/ml

Instrument :
FID_D
ClientSampleId :



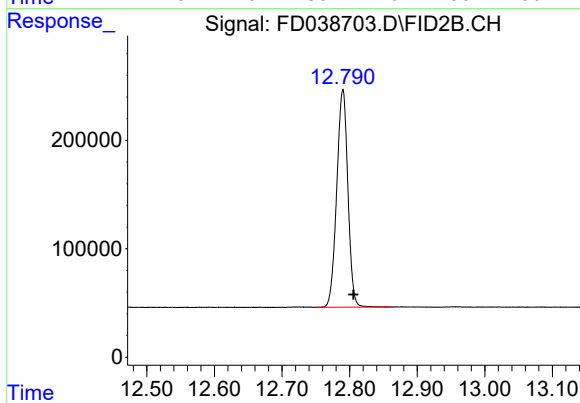
#8 n-Octadecane (C18)

R.T.: 11.044 min
Delta R.T.: -0.018 min
Response: 6938
Conc: 0.06 ug/ml



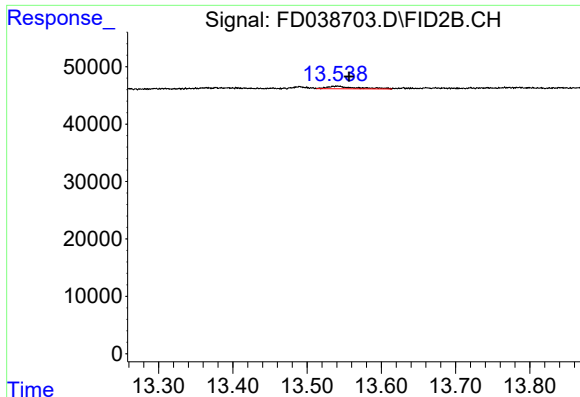
#9 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.015 min
Response: 2743489
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

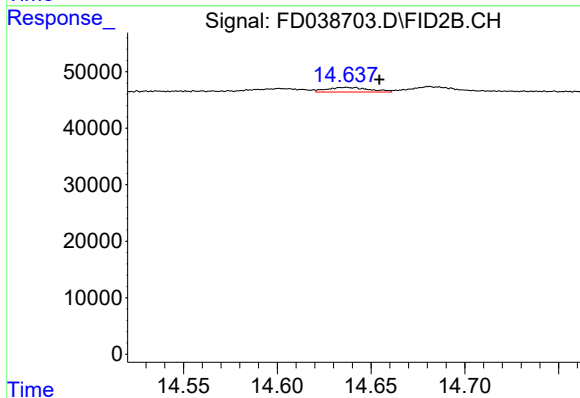
R.T.: 12.790 min
Delta R.T.: -0.016 min
Response: 2301272
Conc: 21.40 ug/ml



#13 n-Docosane (C22)

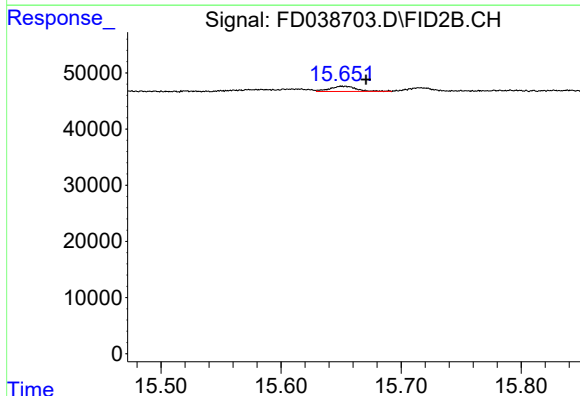
R.T.: 13.541 min
Delta R.T.: -0.016 min
Response: 12461
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



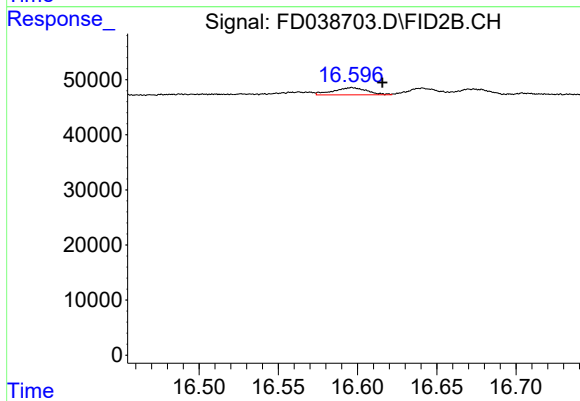
#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: -0.018 min
Response: 12717
Conc: 0.10 ug/ml



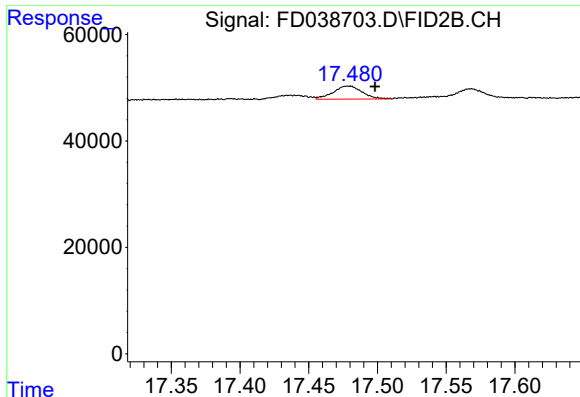
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: -0.020 min
Response: 14534
Conc: 0.11 ug/ml



#16 n-Octacosane (C28)

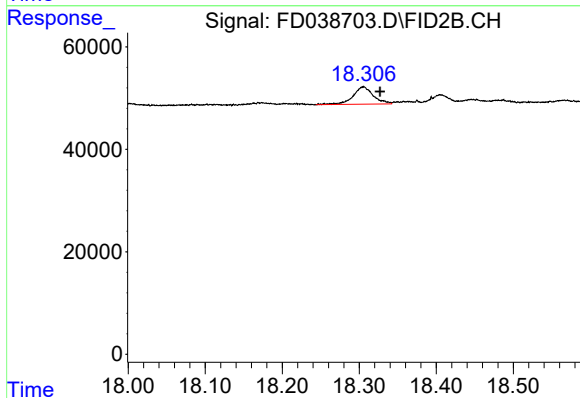
R.T.: 16.597 min
Delta R.T.: -0.019 min
Response: 19364
Conc: 0.15 ug/ml



#17 n-Tricontane (C30)

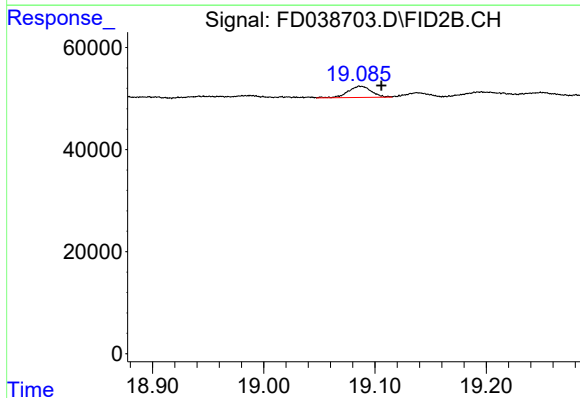
R.T.: 17.479 min
Delta R.T.: -0.019 min
Response: 36324
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



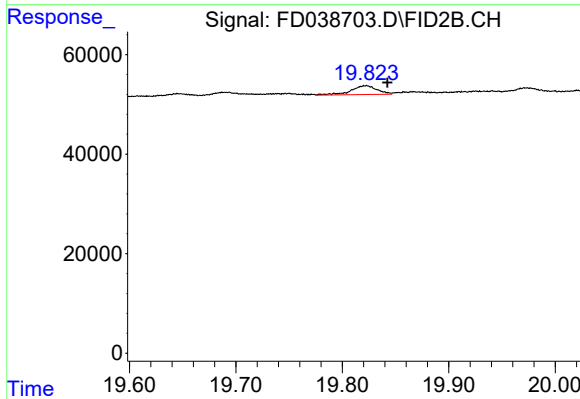
#18 n-Dotriacontane (C32)

R.T.: 18.305 min
Delta R.T.: -0.022 min
Response: 62636
Conc: 0.51 ug/ml



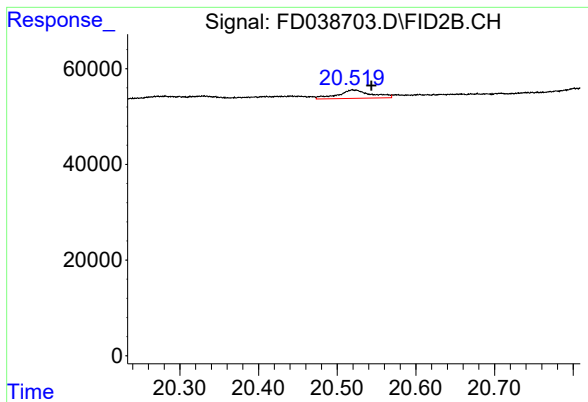
#19 n-Tetratriacontane (C34)

R.T.: 19.087 min
Delta R.T.: -0.019 min
Response: 32025
Conc: 0.27 ug/ml



#20 n-Hexatriacontane (C36)

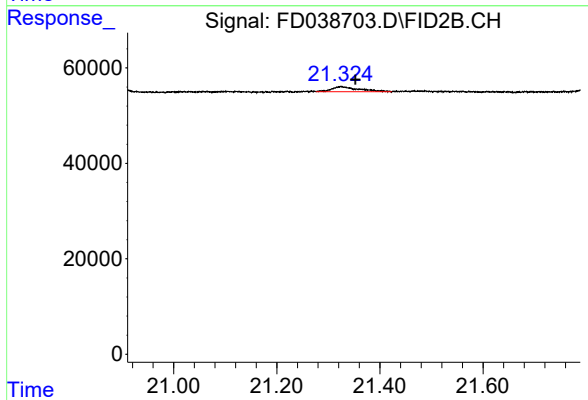
R.T.: 19.822 min
Delta R.T.: -0.020 min
Response: 29843
Conc: 0.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.519 min
Delta R.T.: -0.024 min
Response: 51862
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.324 min
Delta R.T.: -0.028 min
Response: 39904
Conc: 0.40 ug/ml