

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122319AL\
 Data File : FD031863.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2019 20:21
 Operator : DD\AJ
 Sample : K6400-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 12/24/2019 10:41:29 AM

Integration File: autoint1.e
 Quant Time: Dec 24 00:20:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 120619.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 04:20:46 2019
 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)	11.543	5798091	40.085 ug/ml
Spiked Amount 50.000		Recovery =	80.17%
12) S 1-chlorooctadecane (S...	12.972	4571683	40.314 ug/ml
Spiked Amount 50.000		Recovery =	80.63%
Target Compounds			
1) T n-Nonane (C9)	3.342	3651386	28.922 ug/ml
2) T n-Decane (C10)	4.406	4042525	31.817 ug/ml
3) T A~Naphthalene (C11.7)	5.982	4849583	33.926 ug/ml
4) T n-Dodecane (C12)	6.413	4286951	33.228 ug/ml
5) T A~2-methylnaphthalene...	7.034	5003679	34.604 ug/ml
6) T n-Tetradecane (C14)	8.201	4779765	36.430 ug/ml
7) T n-Hexadecane (C16)	9.792	5197658	39.163 ug/ml
8) T n-Octadecane (C18)	11.227	5255533	39.260 ug/ml
10) T n-Eicosane (C20)	12.530	5248468	39.219 ug/ml
11) T n-Heneicosane (C21)	13.138	5214012	38.664 ug/ml
13) T n-Docosane (C22)	13.722	5177513	38.651 ug/ml
14) T n-Tetracosane (C24)	14.818	4216557	31.426 ug/mlm
15) T n-Hexacosane (C26)	15.835	5036330	38.411 ug/ml
16) T n-Octacosane (C28)	16.778	4994412	39.370 ug/ml
17) T n-Tricontane (C30)	17.661	4832546	40.821 ug/ml
18) T n-Dotriacontane (C32)	18.487	4503452	46.513 ug/ml
19) T n-Tetratriacontane (C34)	19.265	3983263	50.182 ug/ml
20) T n-Hexatriacontane (C36)	20.000	3303067	46.929 ug/ml
21) T n-Octatriacontane (C38)	20.718	3037850	47.050 ug/ml
22) T n-Tetracontane (C40)	21.588	3039368	45.196 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 60 Sample Multiplier: 1

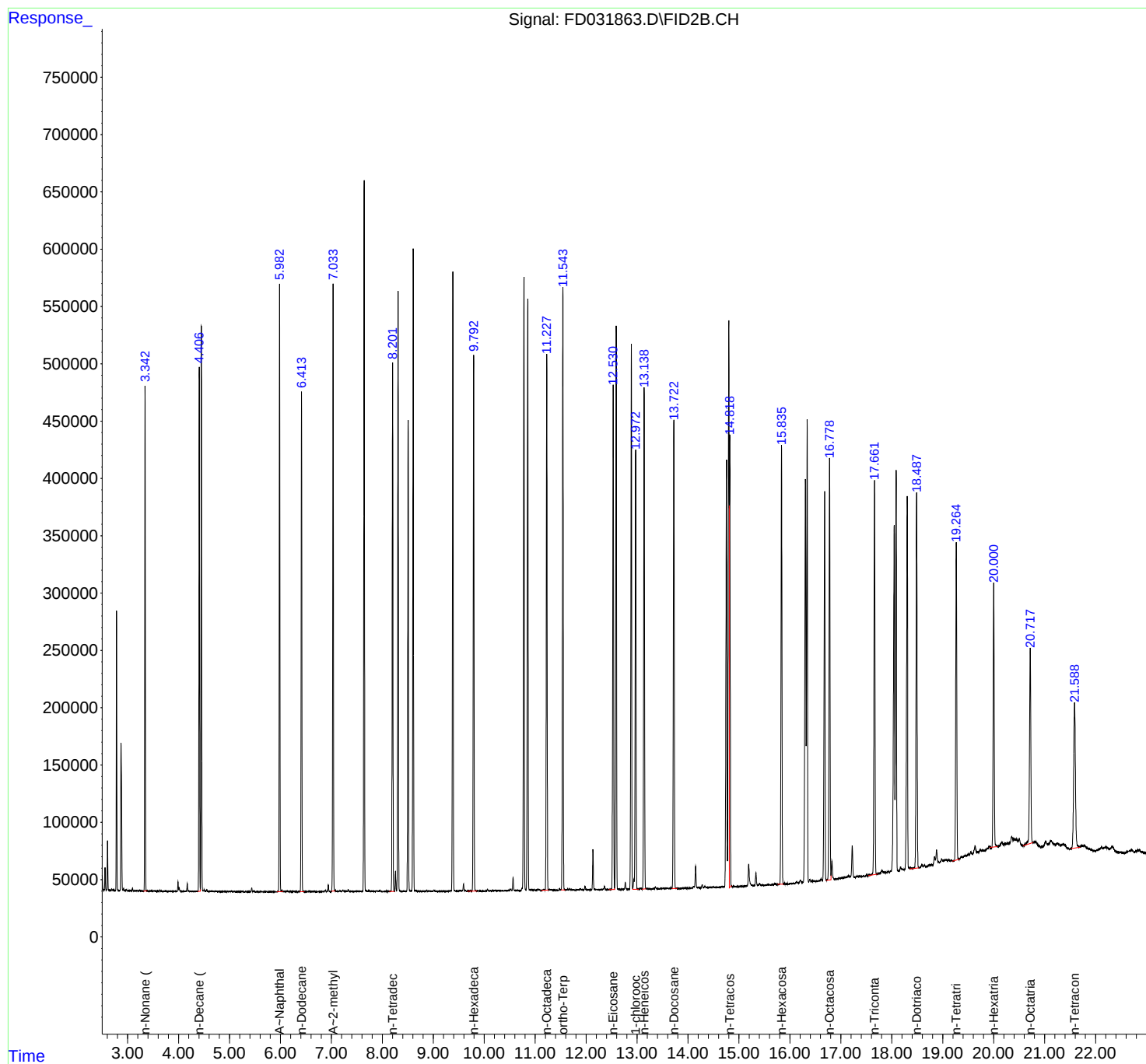
Instrument :
FID_D
ClientSampled :

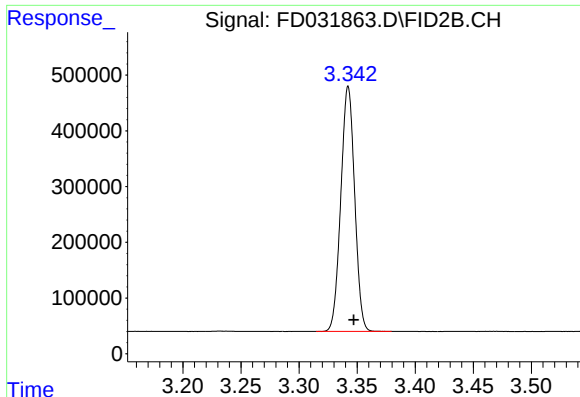
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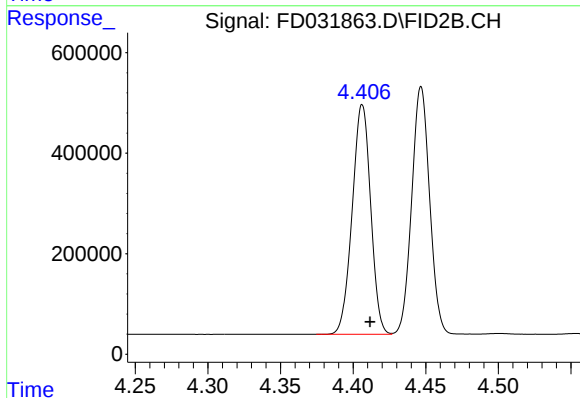
#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.005 min
Response: 3651386
Conc: 28.92 ug/ml

Instrument :
FID_D
ClientSampleId :

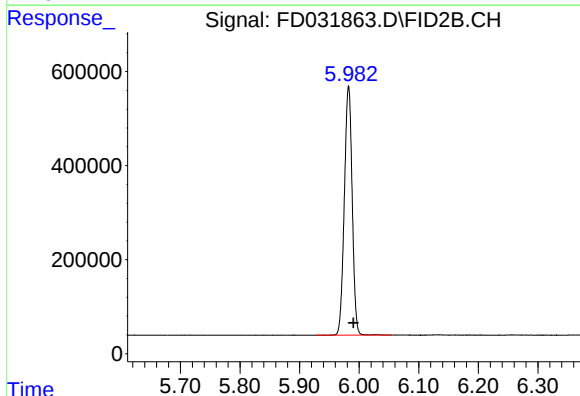
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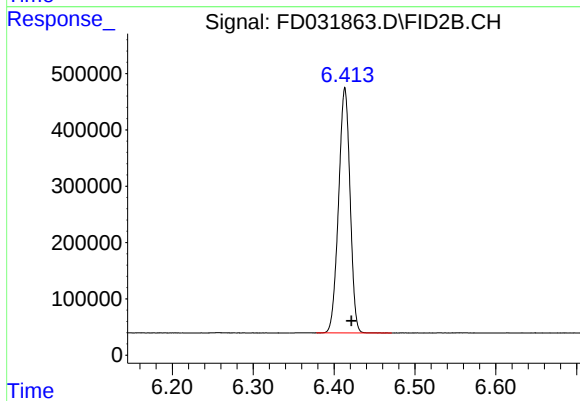
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 4042525
Conc: 31.82 ug/ml



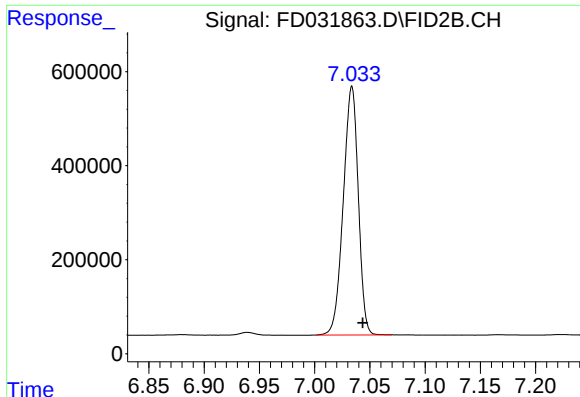
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.008 min
Response: 4849583
Conc: 33.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.008 min
Response: 4286951
Conc: 33.23 ug/ml



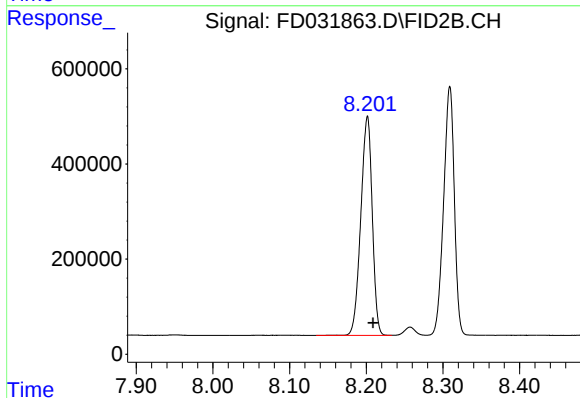
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.010 min
Response: 5003679
Conc: 34.60 ug/ml

Instrument :
FID_D
ClientSampleId :

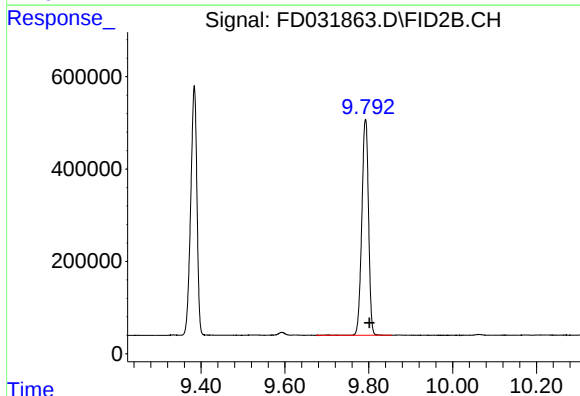
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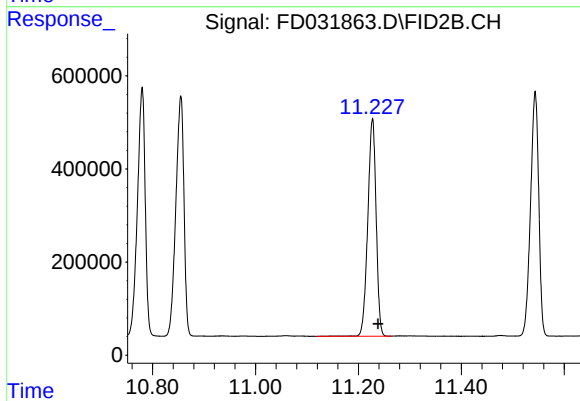
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 4779765
Conc: 36.43 ug/ml



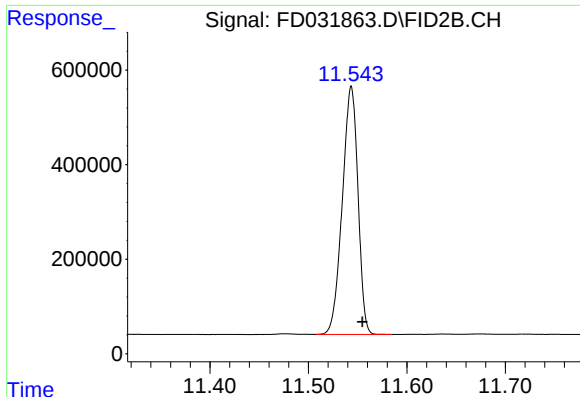
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.010 min
Response: 5197658
Conc: 39.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.011 min
Response: 5255533
Conc: 39.26 ug/ml



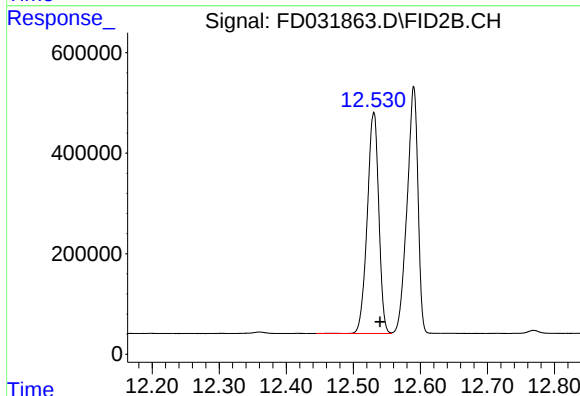
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.011 min
Response: 5798091
Conc: 40.09 ug/ml

Instrument :
FID_D
ClientSampleId :

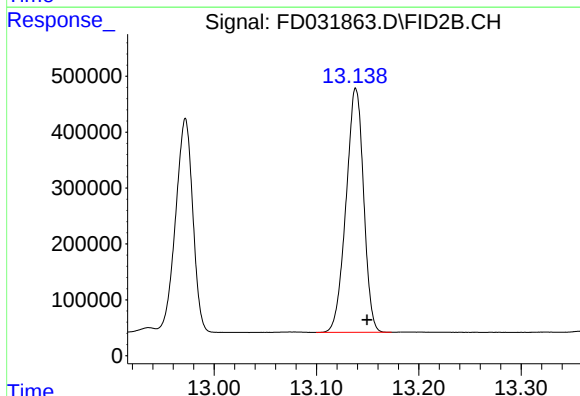
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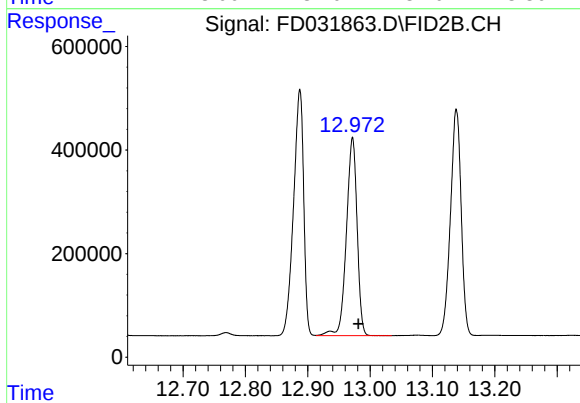
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.010 min
Response: 5248468
Conc: 39.22 ug/ml



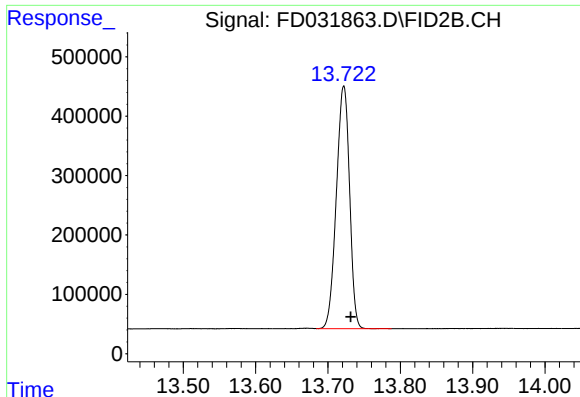
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.011 min
Response: 5214012
Conc: 38.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 4571683
Conc: 40.31 ug/ml



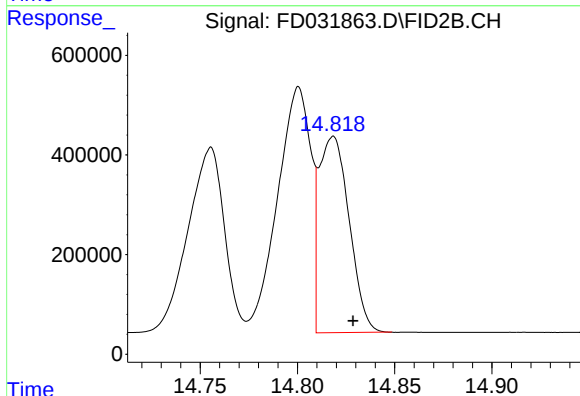
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.010 min
Response: 5177513
Conc: 38.65 ug/ml

Instrument :
FID_D
ClientSampleId :

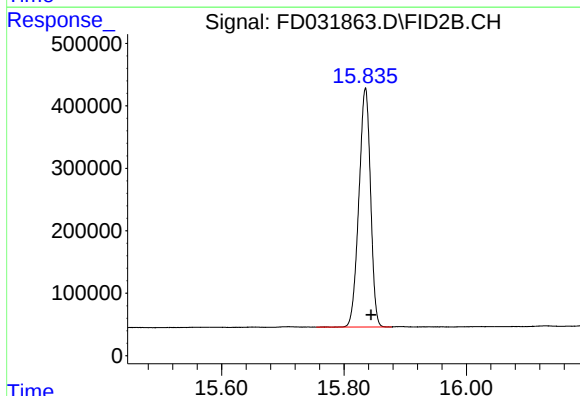
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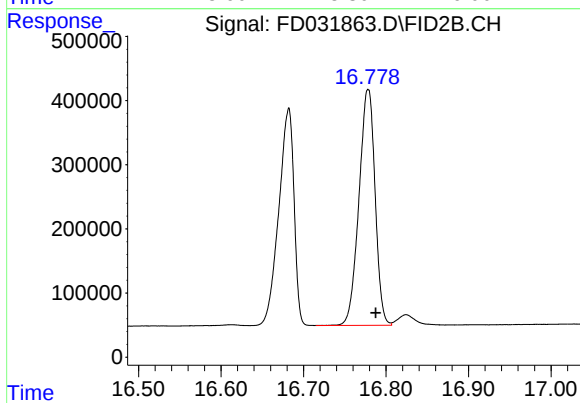
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.010 min
Response: 4216557
Conc: 31.43 ug/ml m



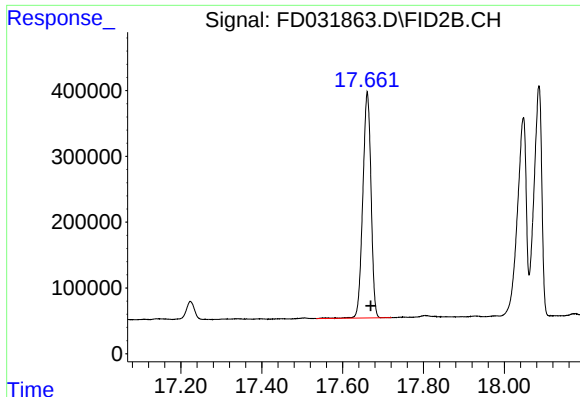
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.009 min
Response: 5036330
Conc: 38.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.009 min
Response: 4994412
Conc: 39.37 ug/ml



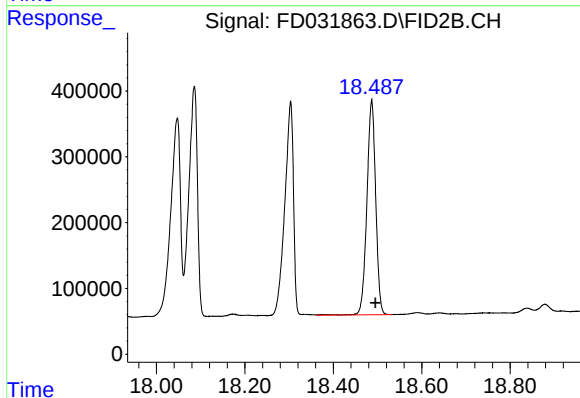
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.008 min
Response: 4832546
Conc: 40.82 ug/ml

Instrument :
FID_D
ClientSampleId :

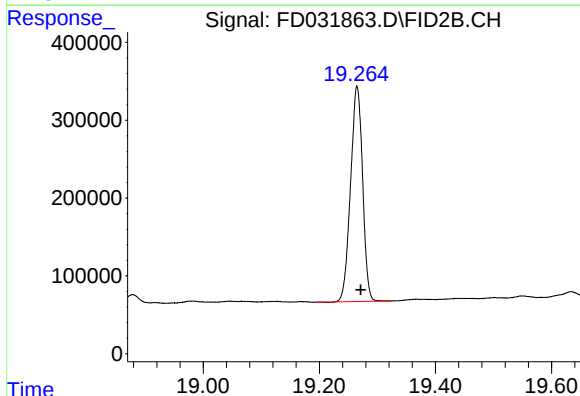
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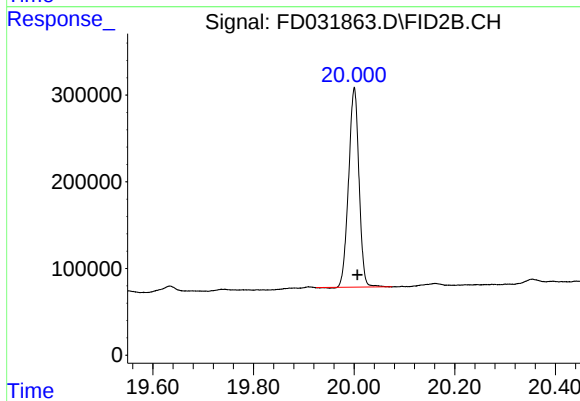
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.009 min
Response: 4503452
Conc: 46.51 ug/ml



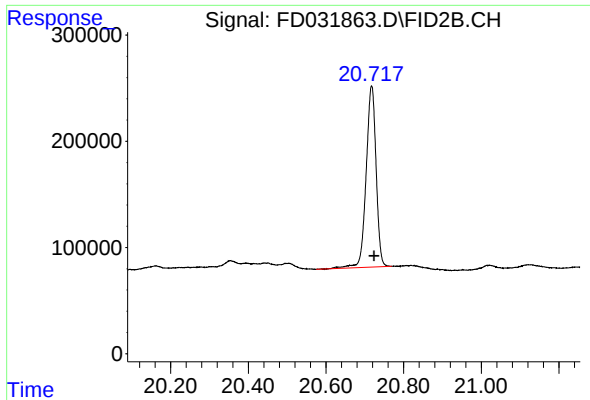
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.006 min
Response: 3983263
Conc: 50.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: -0.006 min
Response: 3303067
Conc: 46.93 ug/ml



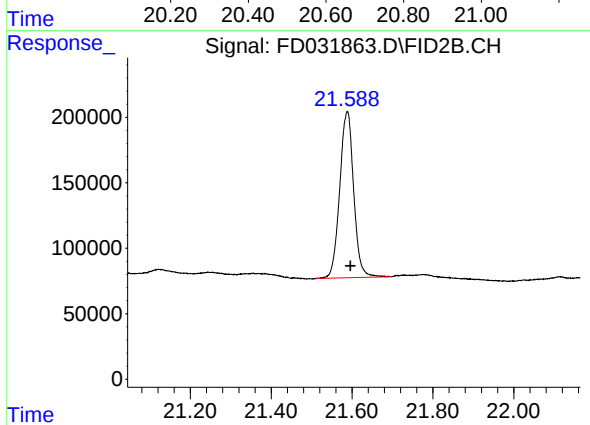
#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.007 min
Response: 3037850
Conc: 47.05 ug/ml

Instrument :
FID_D
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.008 min
Response: 3039368
Conc: 45.20 ug/ml