

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092718AL\
 Data File : FD025763.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2018 15:14
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Sohil
 9/28/2018 10:01:12 AM

Integration File: autoint1.e
 Quant Time: Sep 28 01:47:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 091718.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 18 07:25:24 2018
 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)	11.323	1732778	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	12.765	1189997	19.491 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.132	1379076	19.706 ug/ml
2) T n-Decane (C10)	4.197	1403249	19.983 ug/ml
3) T A~Naphthalene (C11.7)	5.762	1757129	21.507 ug/ml
4) T n-Dodecane (C12)	6.210	1427041	20.647 ug/ml
5) T A~2-methylnaphthalene...	6.813	1792242	22.047 ug/ml
6) T n-Tetradecane (C14)	7.995	1465998	21.024 ug/ml
7) T n-Hexadecane (C16)	9.588	1469566	20.845 ug/ml
8) T n-Octadecane (C18)	11.023	1424791	20.041 ug/ml
10) T n-Eicosane (C20)	12.326	1385449	19.520 ug/ml
11) T n-Heneicosane (C21)	12.935	1347665	19.639 ug/ml
13) T n-Docosane (C22)	13.519	1324037	19.607 ug/ml
14) T n-Tetracosane (C24)	14.616	1285061	19.635 ug/ml
15) T n-Hexacosane (C26)	15.632	1248080	20.090 ug/ml
16) T n-Octacosane (C28)	16.576	1227116	19.733 ug/ml
17) T n-Tricontane (C30)	17.460	1195736	17.833 ug/ml
18) T n-Dotriacontane (C32)	18.288	1190097	18.350 ug/ml
19) T n-Tetratriacontane (C34)	19.068	1166388	19.116 ug/ml
20) T n-Hexatriacontane (C36)	19.802	1109878	19.440 ug/ml
21) T n-Octatriacontane (C38)	20.501	1084462	19.380 ug/ml
22) T n-Tetracontane (C40)	21.308	1077947	19.461 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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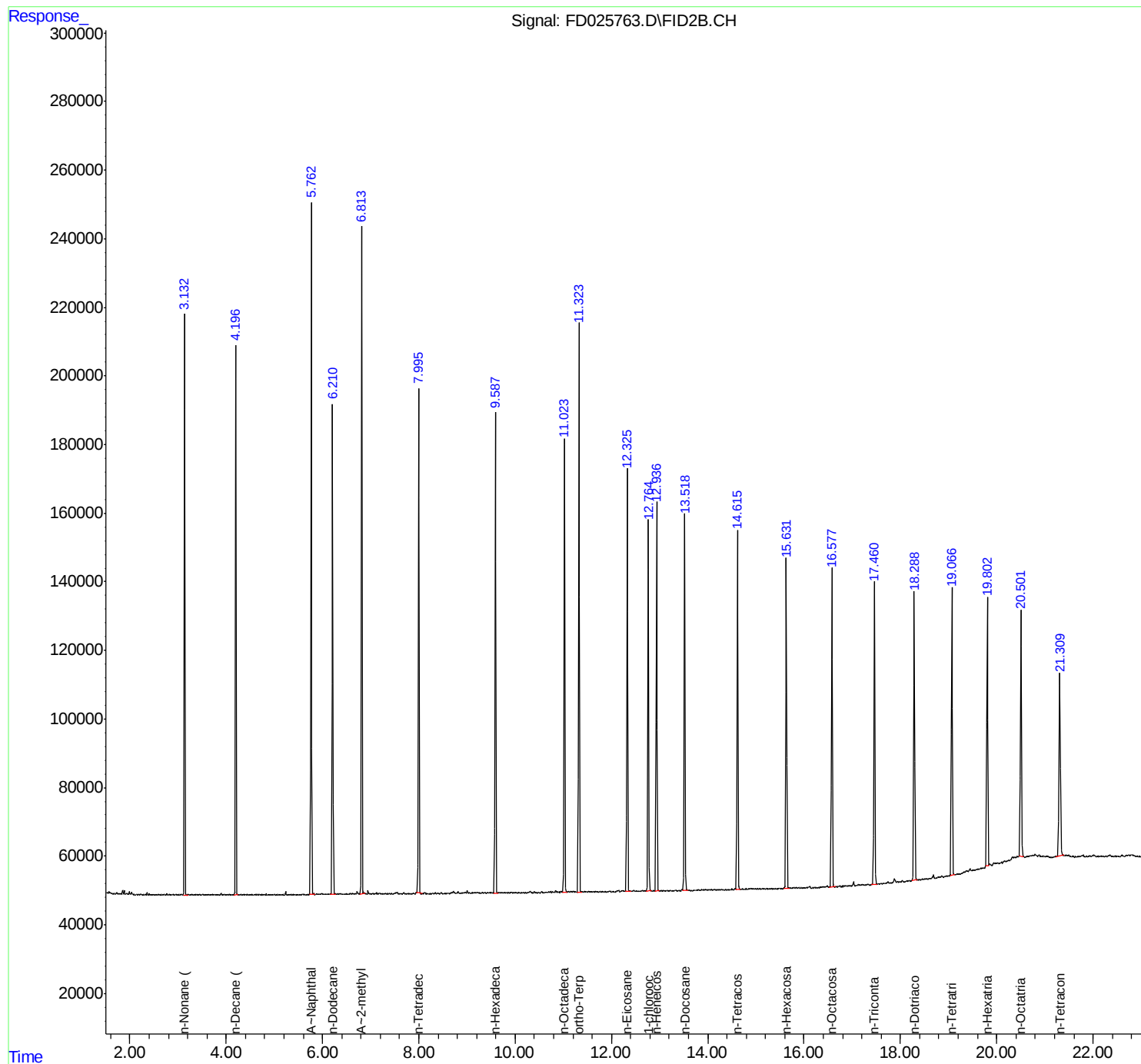
Instrument :
FID_D
ClientSampleId :

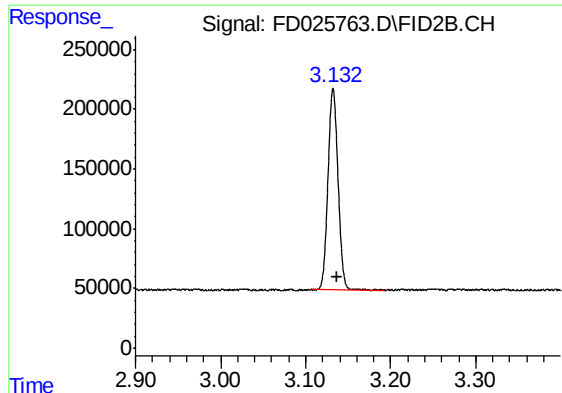
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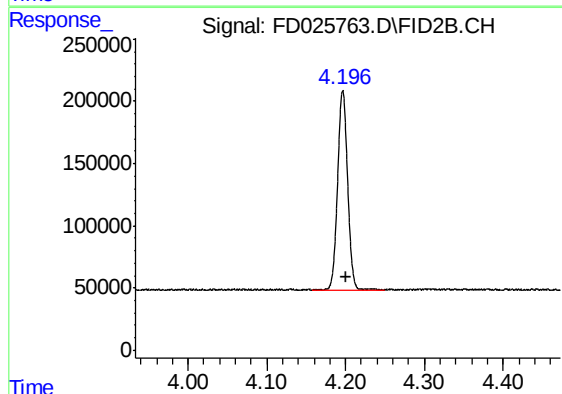
#1 n-Nonane (C9)

R.T.: 3.132 min
Delta R.T.: -0.005 min
Response: 1379076
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :

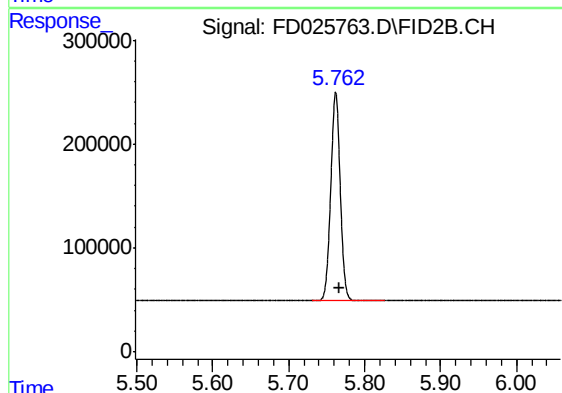
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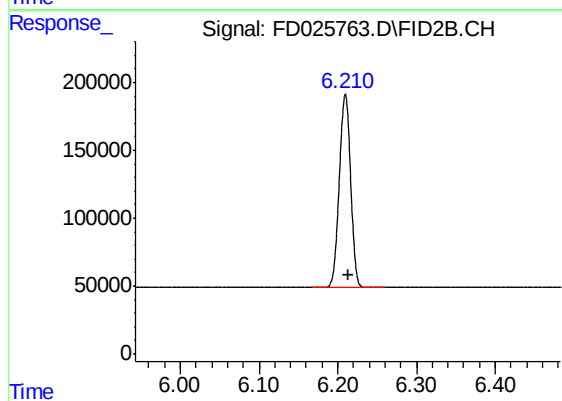
#2 n-Decane (C10)

R.T.: 4.197 min
Delta R.T.: -0.004 min
Response: 1403249
Conc: 19.98 ug/ml



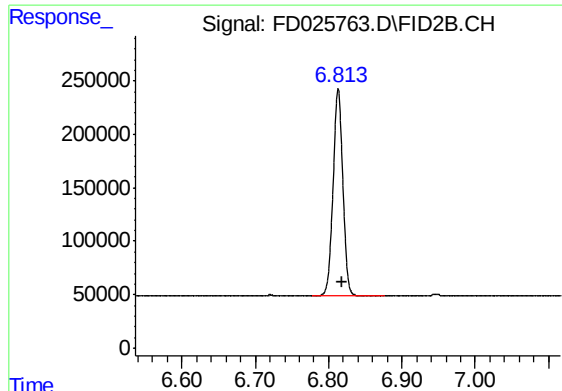
#3 A~Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.005 min
Response: 1757129
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 1427041
Conc: 20.65 ug/ml



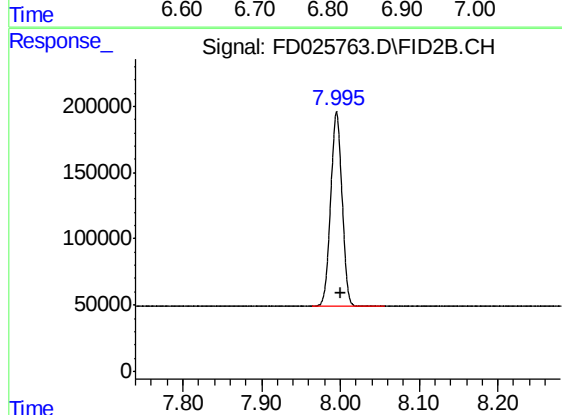
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 1792242
Conc: 22.05 ug/ml

Instrument :
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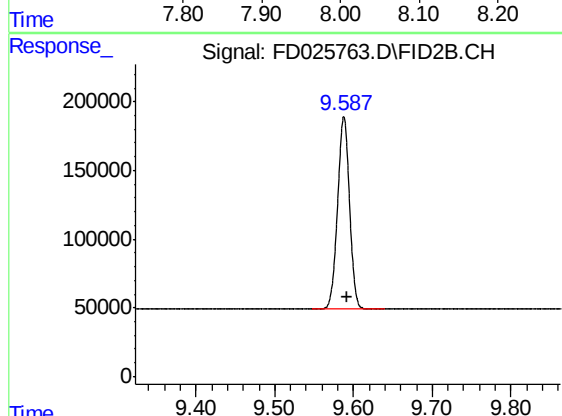
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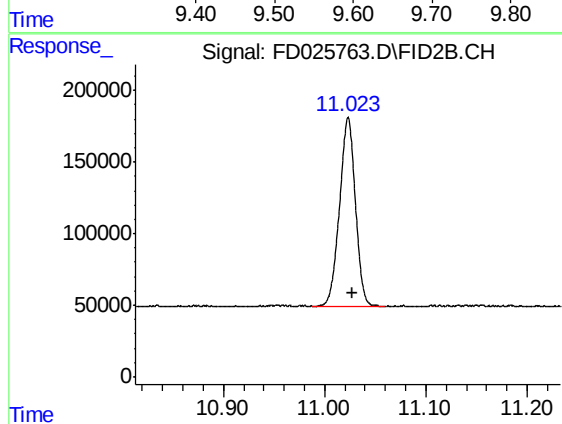
#6 n-Tetradecane (C14)

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 1465998
Conc: 21.02 ug/ml



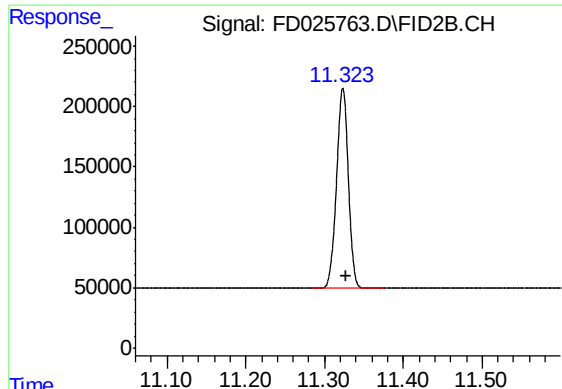
#7 n-Hexadecane (C16)

R.T.: 9.588 min
Delta R.T.: -0.005 min
Response: 1469566
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.023 min
Delta R.T.: -0.004 min
Response: 1424791
Conc: 20.04 ug/ml



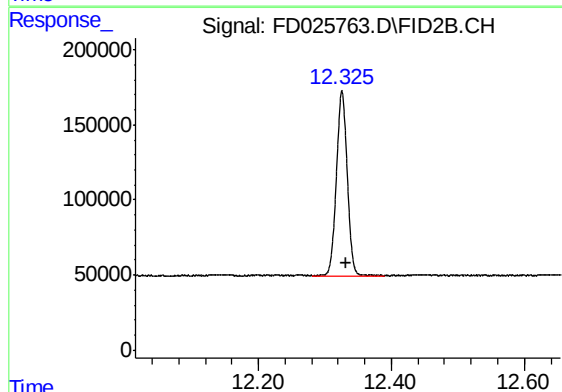
#9 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.005 min
Response: 1732778
Conc: 20.65 ug/ml

Instrument :
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ClientSampleId :

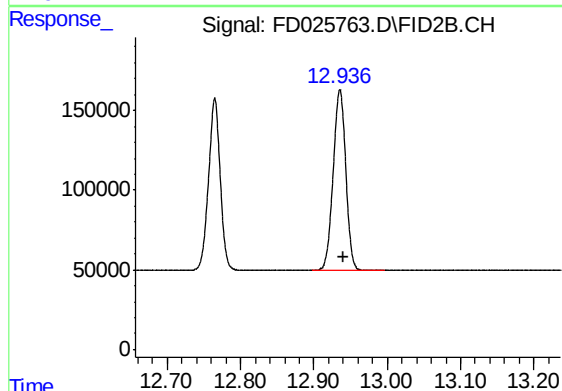
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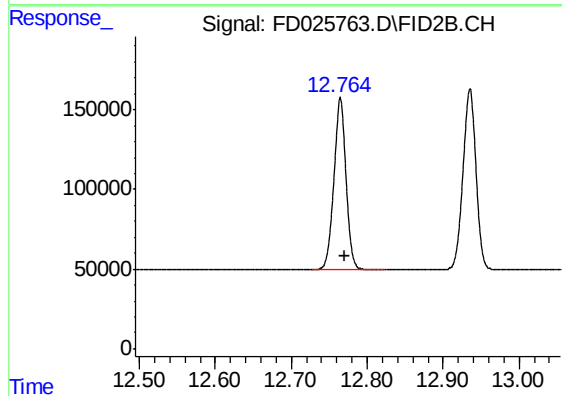
#10 n-Eicosane (C20)

R.T.: 12.326 min
Delta R.T.: -0.006 min
Response: 1385449
Conc: 19.52 ug/ml



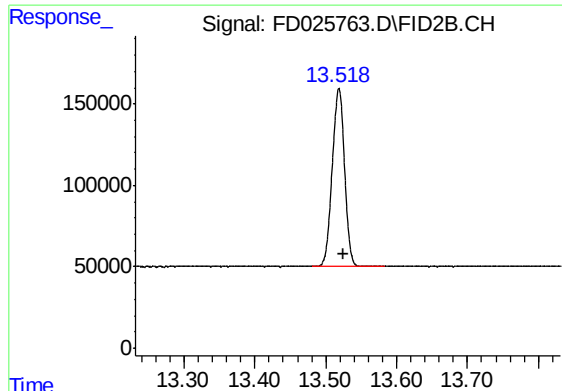
#11 n-Heneicosane (C21)

R.T.: 12.935 min
Delta R.T.: -0.005 min
Response: 1347665
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.765 min
Delta R.T.: -0.006 min
Response: 1189997
Conc: 19.49 ug/ml



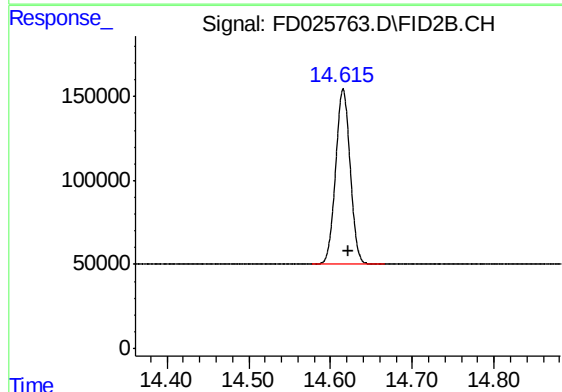
#13 n-Docosane (C22)

R.T.: 13.519 min
Delta R.T.: -0.006 min
Response: 1324037
Conc: 19.61 ug/ml

Instrument :
FID_D
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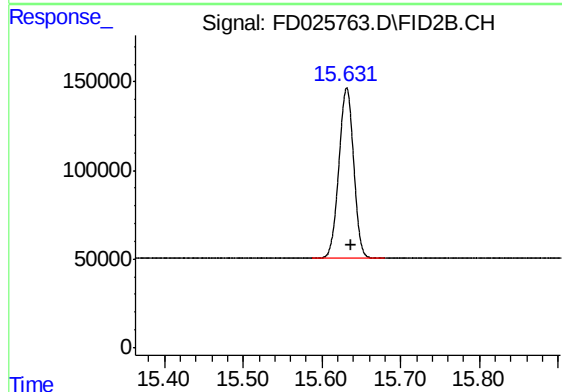
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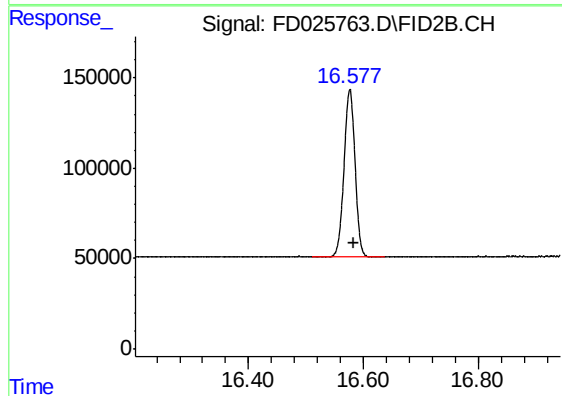
#14 n-Tetracosane (C24)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 1285061
Conc: 19.63 ug/ml



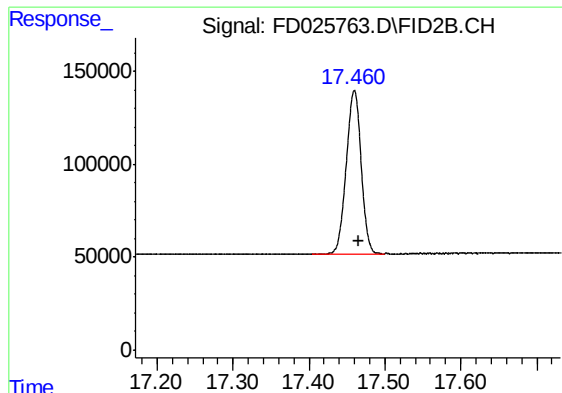
#15 n-Hexacosane (C26)

R.T.: 15.632 min
Delta R.T.: -0.006 min
Response: 1248080
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.576 min
Delta R.T.: -0.007 min
Response: 1227116
Conc: 19.73 ug/ml



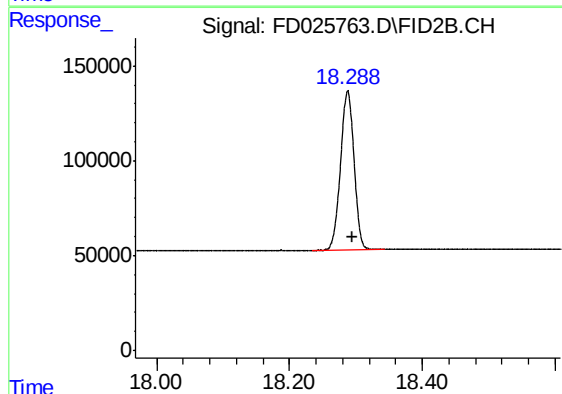
#17 n-Tricontane (C30)

R.T.: 17.460 min
Delta R.T.: -0.007 min
Response: 1195736
Conc: 17.83 ug/ml

Instrument :
FID_D
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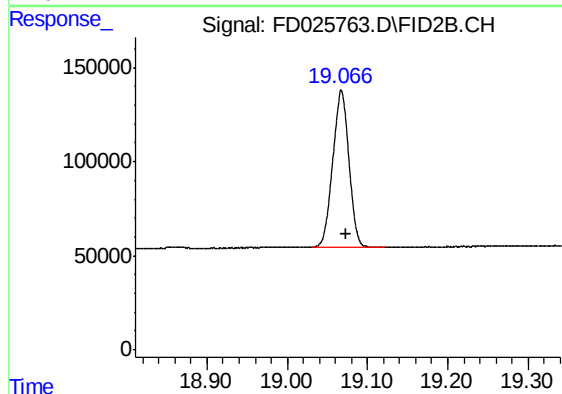
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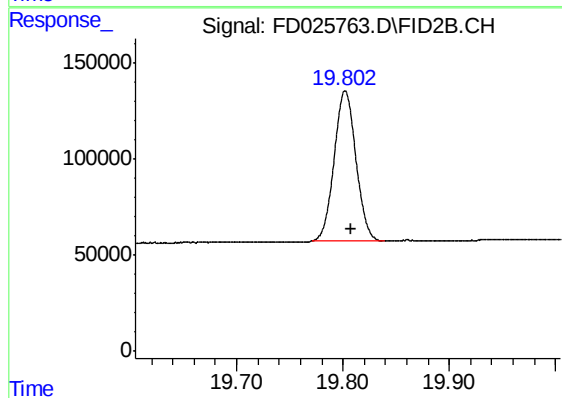
#18 n-Dotriacontane (C32)

R.T.: 18.288 min
Delta R.T.: -0.007 min
Response: 1190097
Conc: 18.35 ug/ml



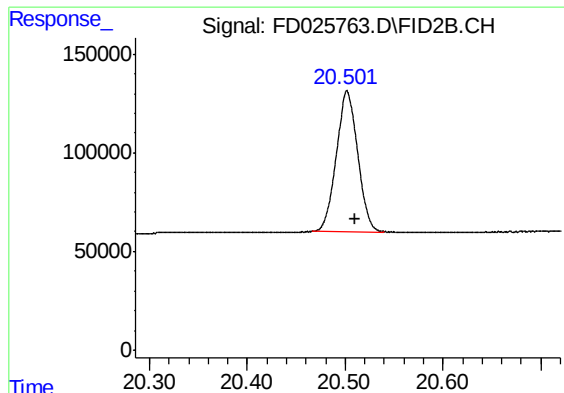
#19 n-Tetatriacontane (C34)

R.T.: 19.068 min
Delta R.T.: -0.005 min
Response: 1166388
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.802 min
Delta R.T.: -0.006 min
Response: 1109878
Conc: 19.44 ug/ml



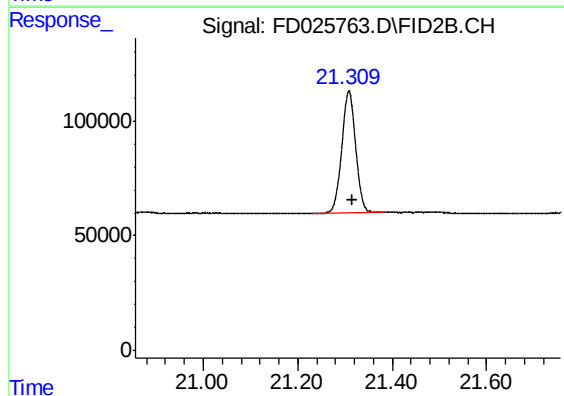
#21 n-Octatriacontane (C38)

R.T.: 20.501 min
Delta R.T.: -0.009 min
Response: 1084462
Conc: 19.38 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.308 min
Delta R.T.: -0.008 min
Response: 1077947
Conc: 19.46 ug/ml