

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100318AL\
 Data File : FD025831.D
 Signal(s) : FID2B.CH
 Acq On : 03 Oct 2018 20:57
 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
 10/4/2018 9:25:38 AM

Integration File: autoint1.e
 Quant Time: Oct 04 03:50:51 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)	11.318	1645465	19.610 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	12.761	1178793	19.307 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T n-Nonane (C9)	3.128	1359548	19.427 ug/ml
2) T n-Decane (C10)	4.192	1378374	19.629 ug/ml
3) T A-Naphthalene (C11.7)	5.756	1641749	20.095 ug/ml
4) T n-Dodecane (C12)	6.205	1380055	19.967 ug/ml
5) T A~2-methylnaphthalene...	6.807	1637987	20.149 ug/mlm
6) T n-Tetradecane (C14)	7.991	1387119	19.893 ug/ml
7) T n-Hexadecane (C16)	9.584	1375707	19.514 ug/ml
8) T n-Octadecane (C18)	11.018	1361281	19.147 ug/ml
10) T n-Eicosane (C20)	12.323	1361712	19.186 ug/ml
11) T n-Heneicosane (C21)	12.932	1354986	19.746 ug/ml
13) T n-Docosane (C22)	13.515	1353434	20.042 ug/ml
14) T n-Tetracosane (C24)	14.613	1352987	20.673 ug/ml
15) T n-Hexacosane (C26)	15.629	1350455	21.738 ug/ml
16) T n-Octacosane (C28)	16.574	1353709	21.769 ug/ml
17) T n-Tricontane (C30)	17.457	1349469	20.126 ug/ml
18) T n-Dotriacontane (C32)	18.285	1358311	20.943 ug/ml
19) T n-Tetratriacontane (C34)	19.064	1320912	21.649 ug/ml
20) T n-Hexatriacontane (C36)	19.801	1271646	22.274 ug/mlm
21) T n-Octatriacontane (C38)	20.498	1213101	21.679 ug/mlm
22) T n-Tetracontane (C40)	21.306	1184319	21.381 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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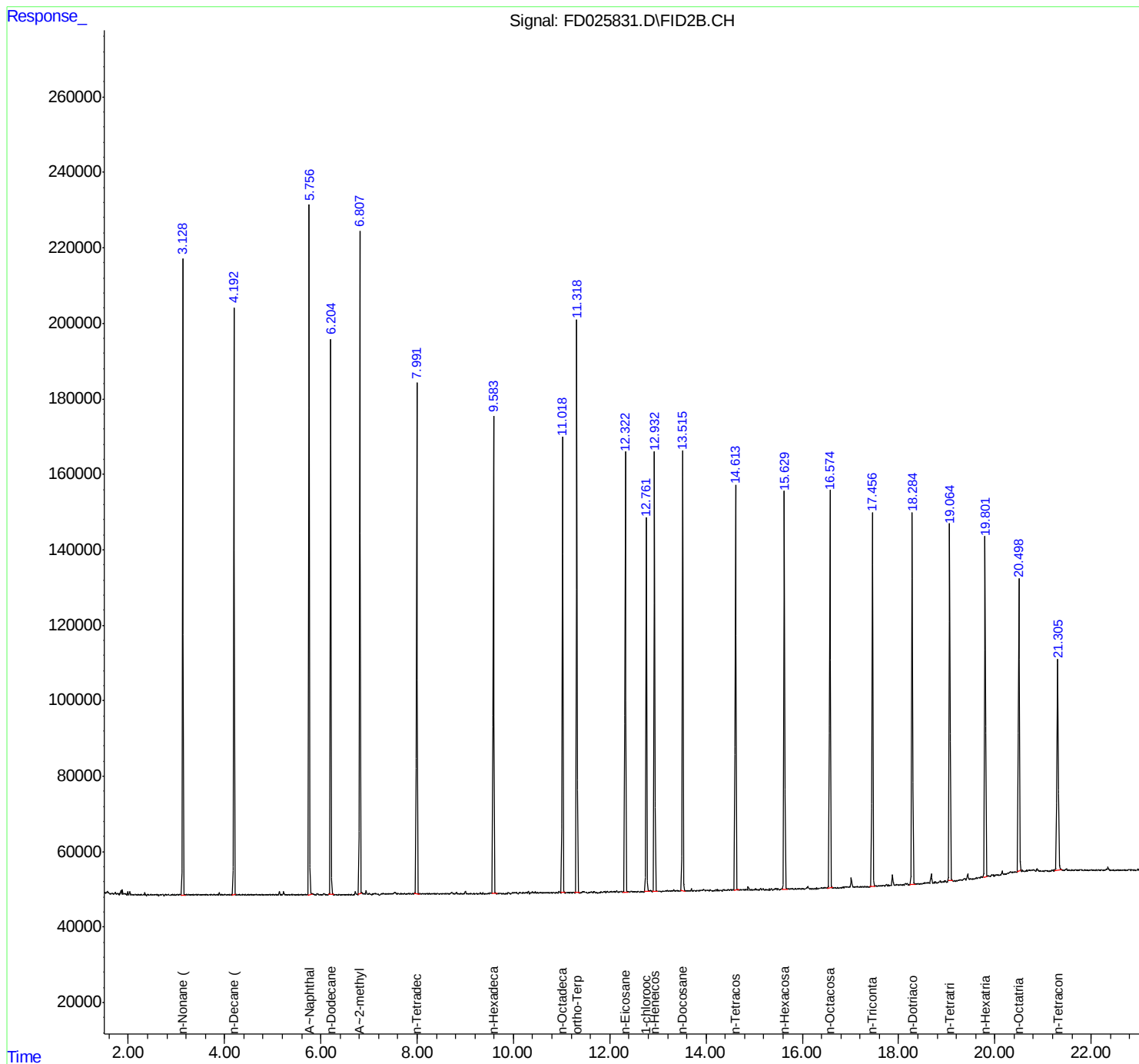
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FID_D
ClientSampleId :

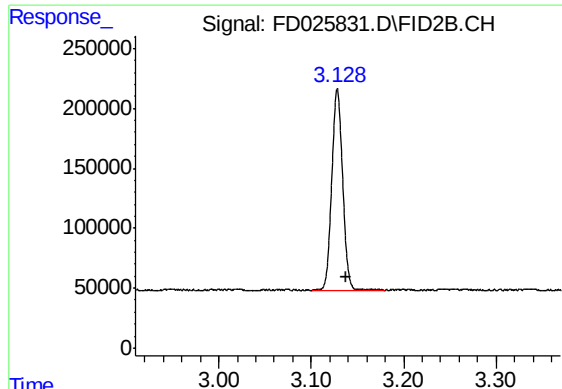
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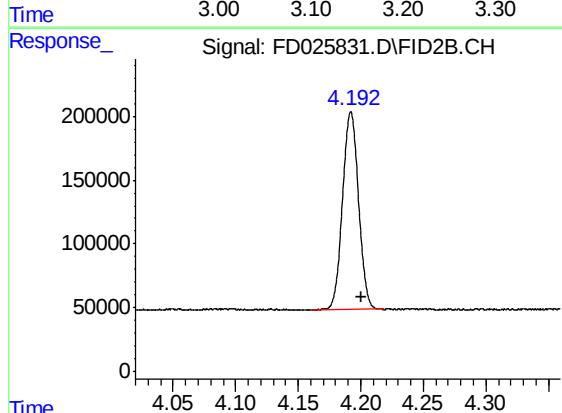
#1 n-Nonane (C9)

R.T.: 3.128 min
Delta R.T.: -0.009 min
Response: 1359548
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :

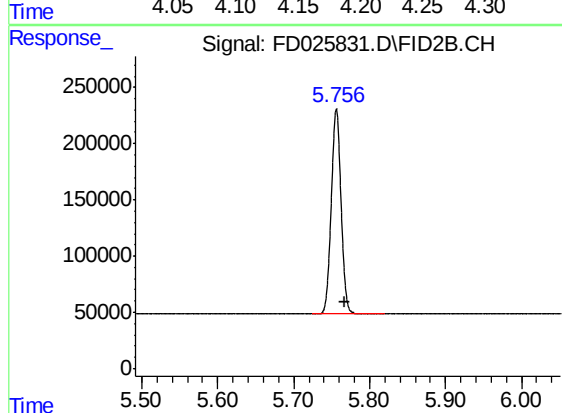
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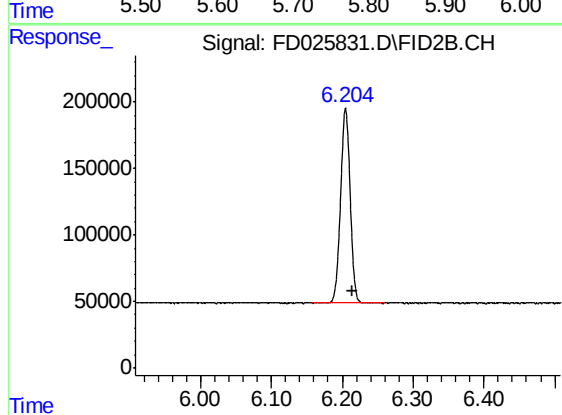
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: -0.009 min
Response: 1378374
Conc: 19.63 ug/ml



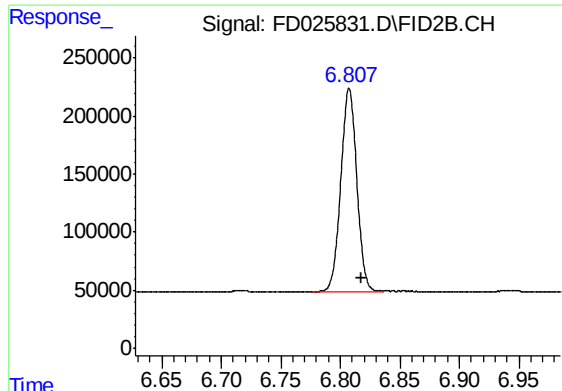
#3 A-Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.011 min
Response: 1641749
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.205 min
Delta R.T.: -0.009 min
Response: 1380055
Conc: 19.97 ug/ml



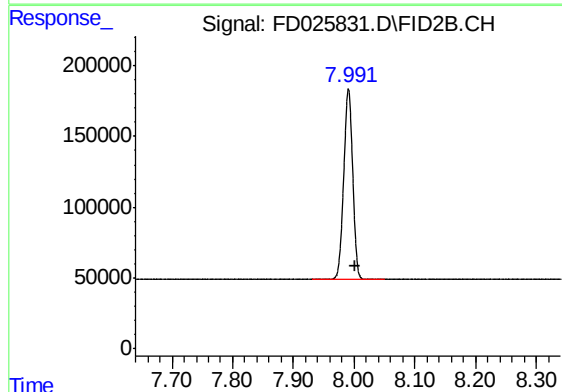
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.011 min
Response: 1637987
Conc: 20.15 ug/ml m

Instrument :
FID_D
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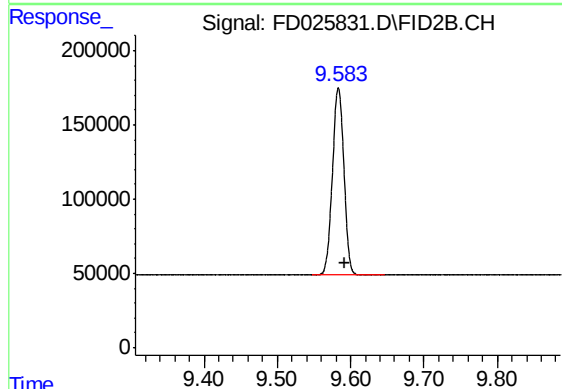
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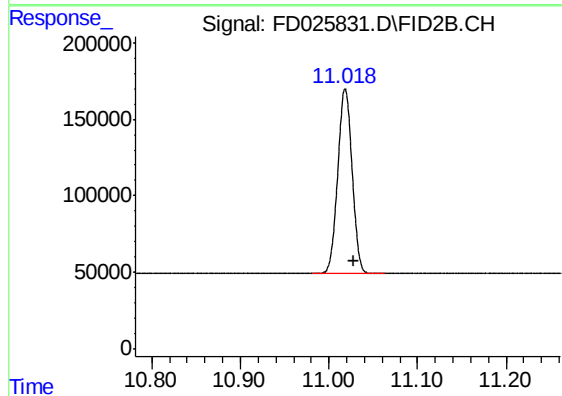
#6 n-Tetradecane (C14)

R.T.: 7.991 min
Delta R.T.: -0.010 min
Response: 1387119
Conc: 19.89 ug/ml



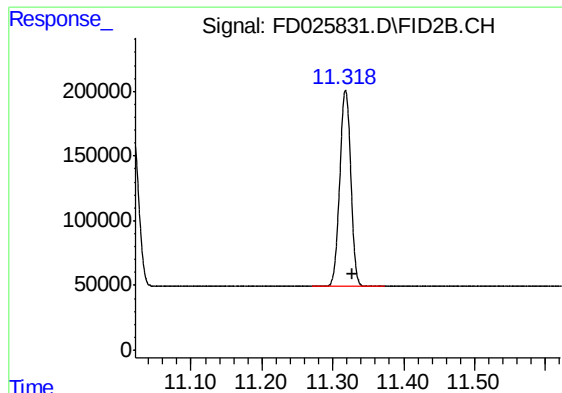
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: -0.009 min
Response: 1375707
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.018 min
Delta R.T.: -0.009 min
Response: 1361281
Conc: 19.15 ug/ml



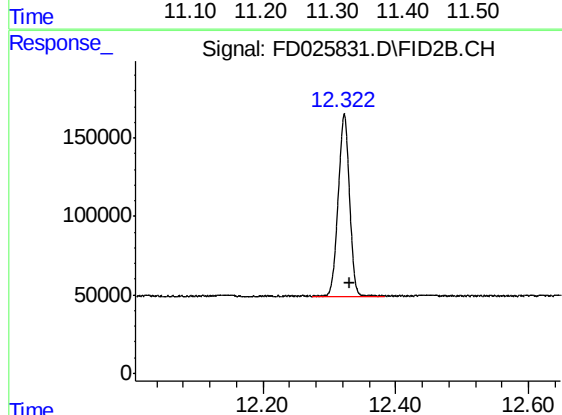
#9 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.010 min
Response: 1645465
Conc: 19.61 ug/ml

Instrument :
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ClientSampleId :

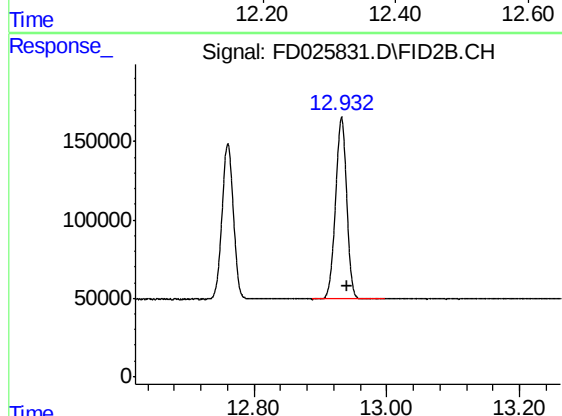
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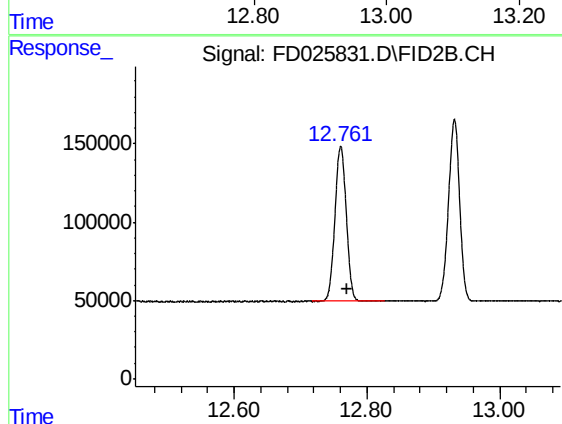
#10 n-Eicosane (C20)

R.T.: 12.323 min
Delta R.T.: -0.009 min
Response: 1361712
Conc: 19.19 ug/ml



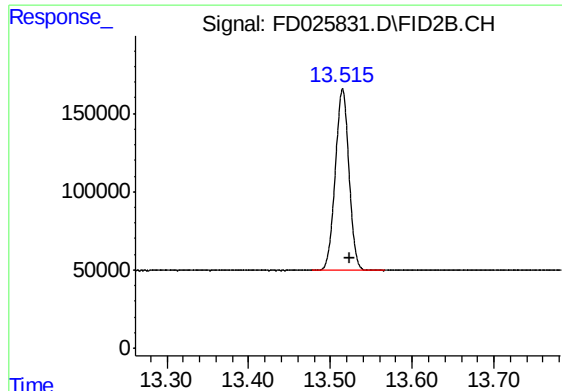
#11 n-Heneicosane (C21)

R.T.: 12.932 min
Delta R.T.: -0.009 min
Response: 1354986
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.761 min
Delta R.T.: -0.010 min
Response: 1178793
Conc: 19.31 ug/ml



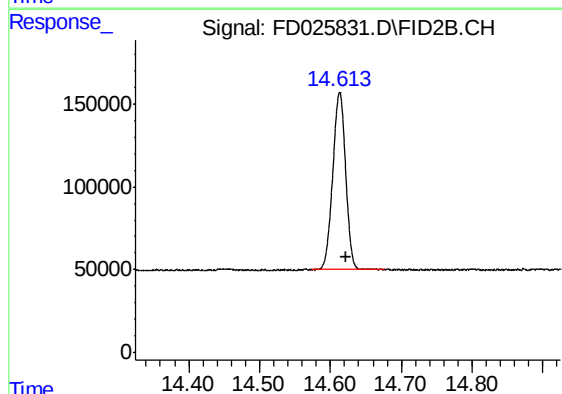
#13 n-Docosane (C22)

R.T.: 13.515 min
Delta R.T.: -0.009 min
Response: 1353434
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :

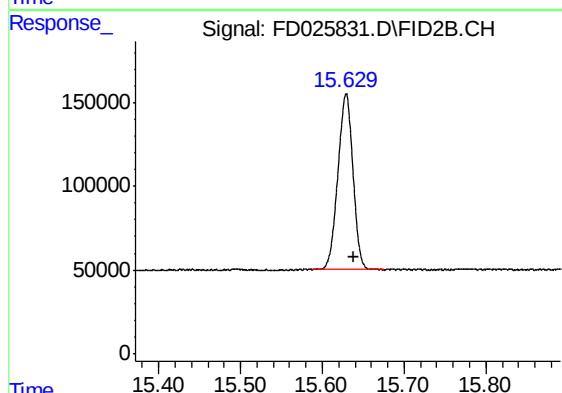
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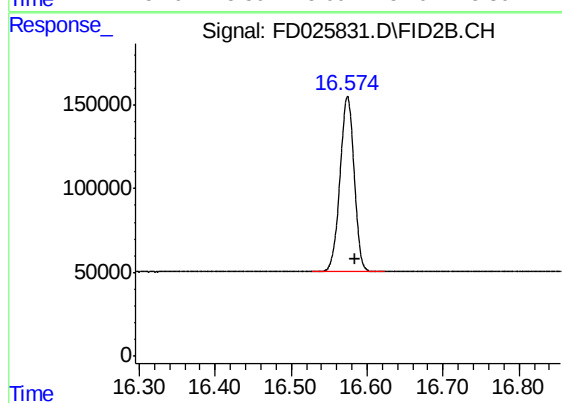
#14 n-Tetracosane (C24)

R.T.: 14.613 min
Delta R.T.: -0.009 min
Response: 1352987
Conc: 20.67 ug/ml



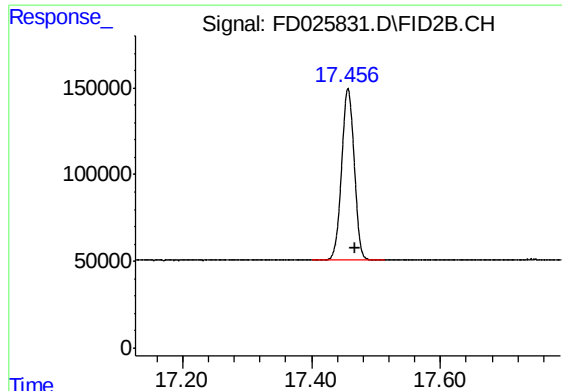
#15 n-Hexacosane (C26)

R.T.: 15.629 min
Delta R.T.: -0.009 min
Response: 1350455
Conc: 21.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.574 min
Delta R.T.: -0.009 min
Response: 1353709
Conc: 21.77 ug/ml



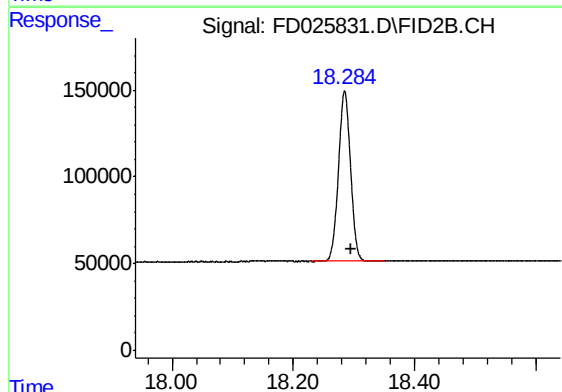
#17 n-Tricontane (C30)

R.T.: 17.457 min
Delta R.T.: -0.010 min
Response: 1349469
Conc: 20.13 ug/ml

Instrument :
FID_D
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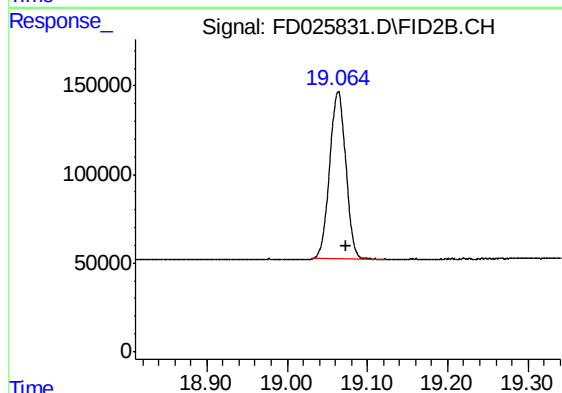
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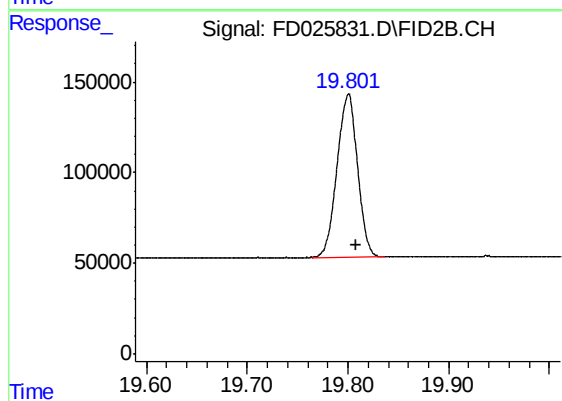
#18 n-Dotriacontane (C32)

R.T.: 18.285 min
Delta R.T.: -0.010 min
Response: 1358311
Conc: 20.94 ug/ml



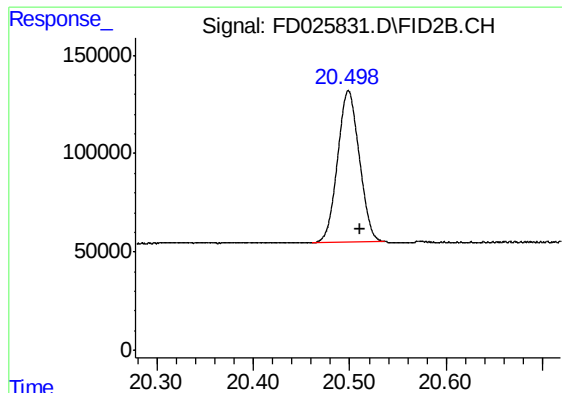
#19 n-Tetatriacontane (C34)

R.T.: 19.064 min
Delta R.T.: -0.010 min
Response: 1320912
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: -0.007 min
Response: 1271646
Conc: 22.27 ug/ml m



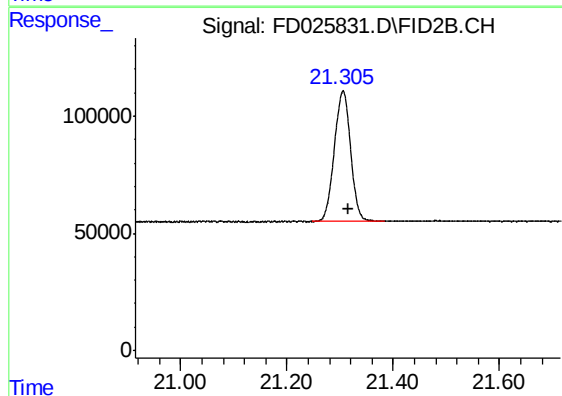
#21 n-Octatriacontane (C38)

R.T.: 20.498 min
Delta R.T.: -0.013 min
Response: 1213101
Conc: 21.68 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.306 min
Delta R.T.: -0.011 min
Response: 1184319
Conc: 21.38 ug/ml