

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030963.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2019 16:21
 Operator : DD\AJ
 Sample : PB123781BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB123781BS

Manual Integrations
 APPROVED

Ankita
 10/14/2019 8:32:29 AM

Integration File: autoint1.e
 Quant Time: Oct 11 03:28:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 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)	11.457	8368992	59.663 ug/ml
Spiked Amount 50.000		Recovery =	119.33%
12) S 1-chlorooctadecane (S...	12.884	6807005	62.737 ug/ml
Spiked Amount 50.000		Recovery =	125.47%
Target Compounds			
1) T n-Nonane (C9)	3.284	4612466	39.263 ug/ml
2) T n-Decane (C10)	4.338	5633111	47.978 ug/ml
3) T A-Naphthalene (C11.7)	5.906	6898816	52.873 ug/ml
4) T n-Dodecane (C12)	6.339	6412129	53.883 ug/ml
5) T A~2-methylnaphthalene...	6.956	7136445	54.136 ug/ml
6) T n-Tetradecane (C14)	8.124	6756459	56.069 ug/ml
7) T n-Hexadecane (C16)	9.712	6905784	56.468 ug/ml
8) T n-Octadecane (C18)	11.144	6797855	54.573 ug/ml
10) T n-Eicosane (C20)	12.444	6695552	53.096 ug/ml
11) T n-Heneicosane (C21)	13.050	6616871	51.752 ug/ml
13) T n-Docosane (C22)	13.631	6500768	50.746 ug/ml
14) T n-Tetracosane (C24)	14.724	4508948	34.748 ug/mlm
15) T n-Hexacosane (C26)	15.739	5883229	45.307 ug/ml
16) T n-Octacosane (C28)	16.679	5730872	44.265 ug/mlm
17) T n-Tricontane (C30)	17.562	5612009	43.197 ug/ml
18) T n-Dotriacontane (C32)	18.384	5351032	42.486 ug/ml
19) T n-Tetratriacontane (C34)	19.161	4833026	39.711 ug/ml
20) T n-Hexatriacontane (C36)	19.892	4000029	34.679 ug/ml
21) T n-Octatriacontane (C38)	20.595	3479869	32.995 ug/ml
22) T n-Tetracontane (C40)	21.427	3477581	32.867 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 59 Sample Multiplier: 1

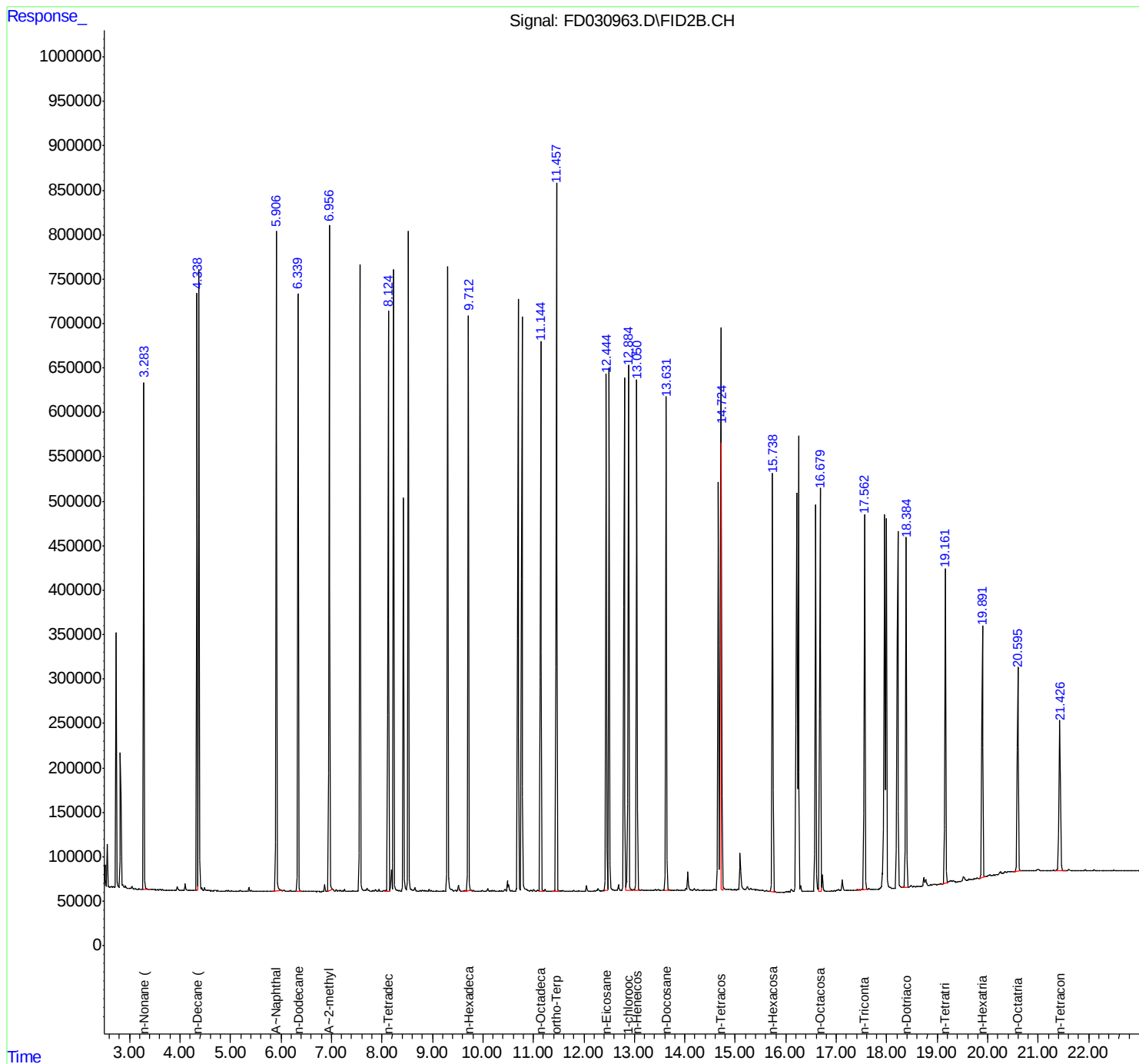
Instrument :
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PB123781BS

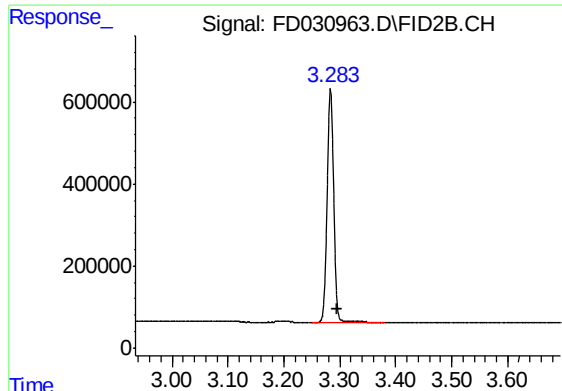
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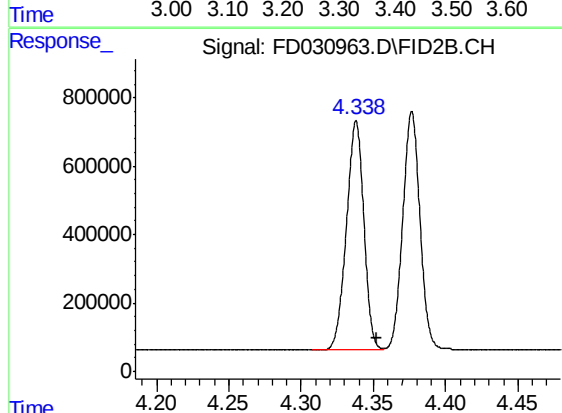
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.011 min
Response: 4612466
Conc: 39.26 ug/ml

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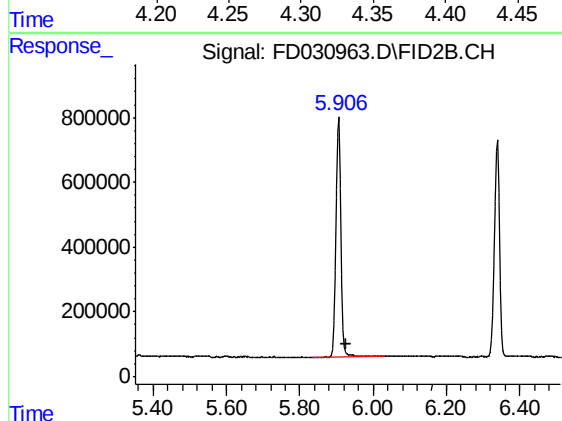
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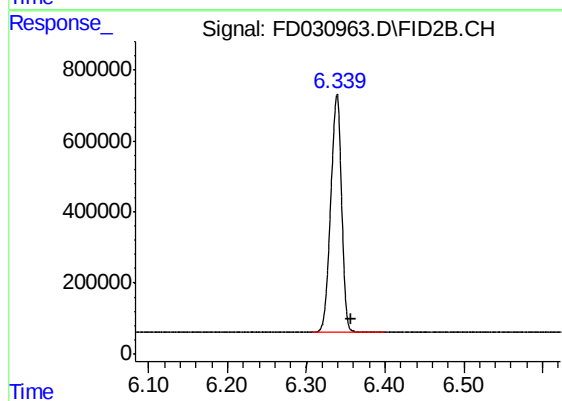
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.014 min
Response: 5633111
Conc: 47.98 ug/ml



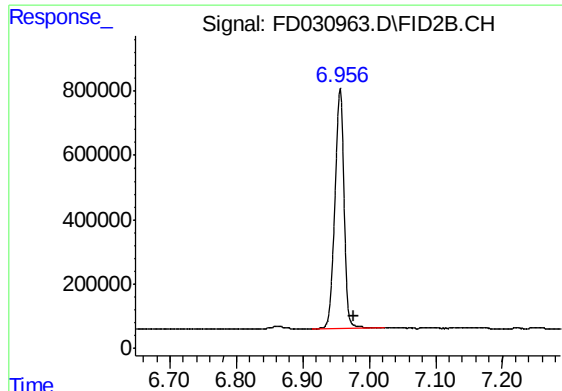
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.019 min
Response: 6898816
Conc: 52.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.339 min
Delta R.T.: -0.019 min
Response: 6412129
Conc: 53.88 ug/ml



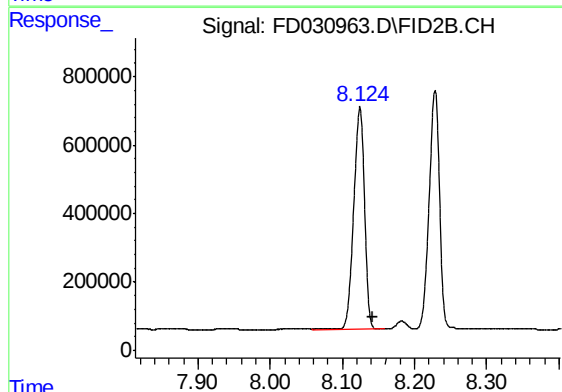
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.021 min
Response: 7136445
Conc: 54.14 ug/ml

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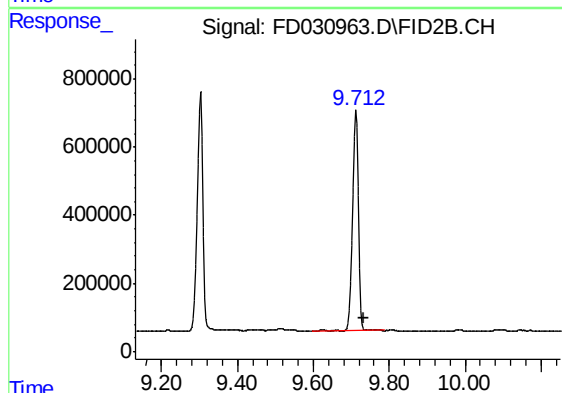
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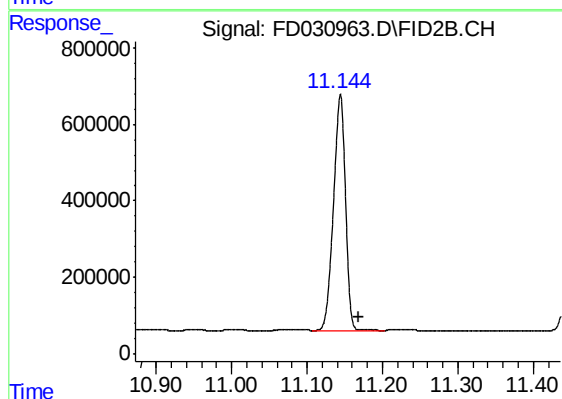
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: -0.019 min
Response: 6756459
Conc: 56.07 ug/ml



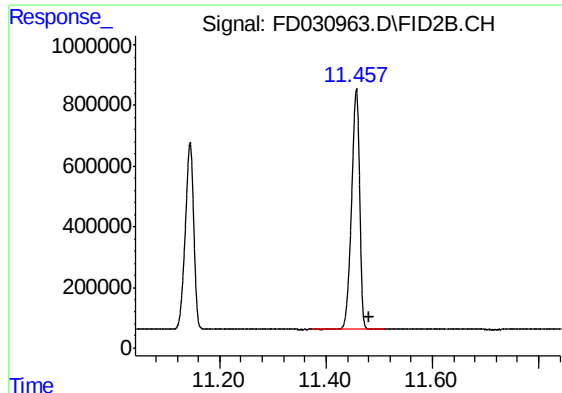
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: -0.022 min
Response: 6905784
Conc: 56.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.144 min
Delta R.T.: -0.024 min
Response: 6797855
Conc: 54.57 ug/ml



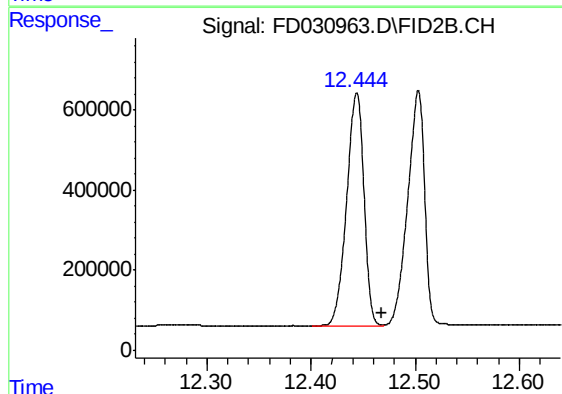
#9 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.025 min
Response: 8368992
Conc: 59.66 ug/ml

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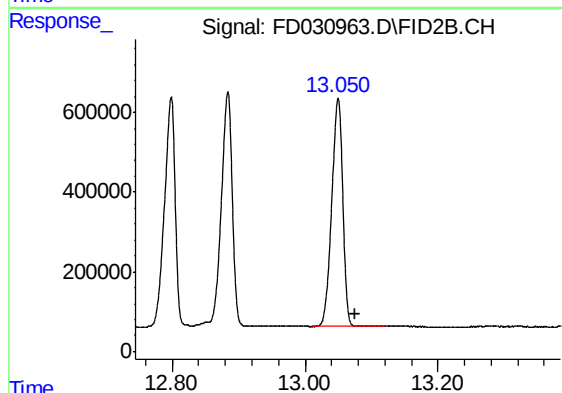
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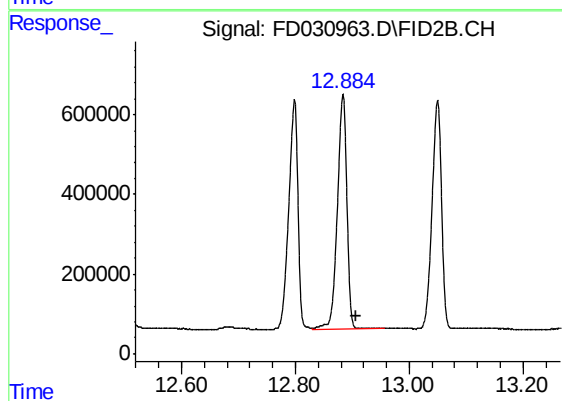
#10 n-Eicosane (C20)

R.T.: 12.444 min
Delta R.T.: -0.024 min
Response: 6695552
Conc: 53.10 ug/ml



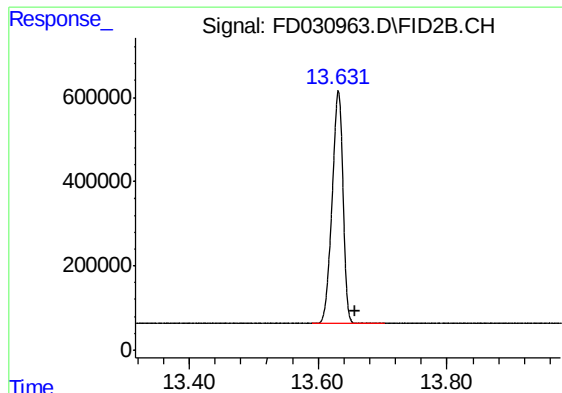
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: -0.026 min
Response: 6616871
Conc: 51.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.024 min
Response: 6807005
Conc: 62.74 ug/ml



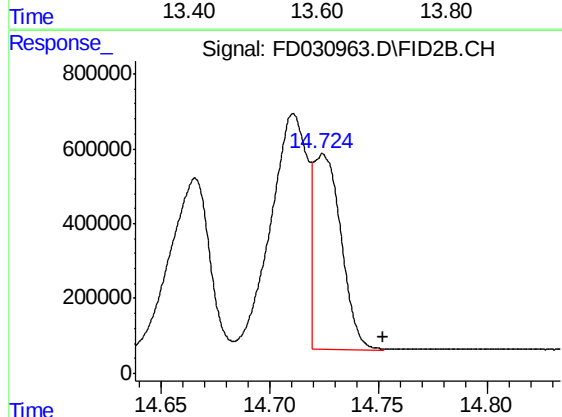
#13 n-Docosane (C22)

R.T.: 13.631 min
Delta R.T.: -0.026 min
Response: 6500768
Conc: 50.75 ug/ml

Instrument :
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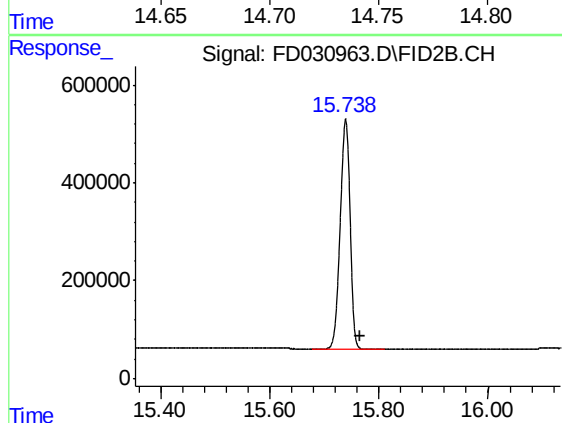
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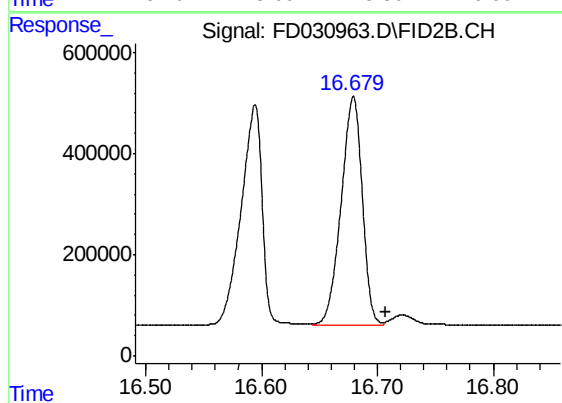
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: -0.028 min
Response: 4508948
Conc: 34.75 ug/ml m



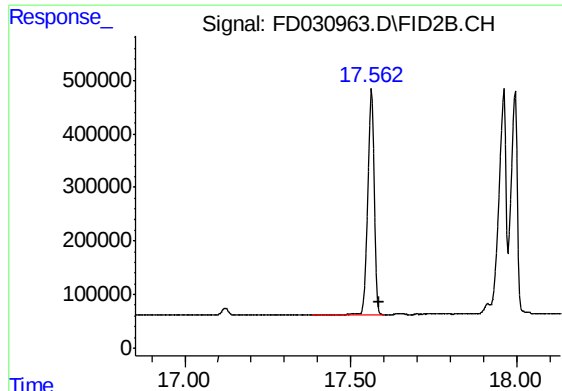
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: -0.026 min
Response: 5883229
Conc: 45.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.679 min
Delta R.T.: -0.028 min
Response: 5730872
Conc: 44.26 ug/ml m



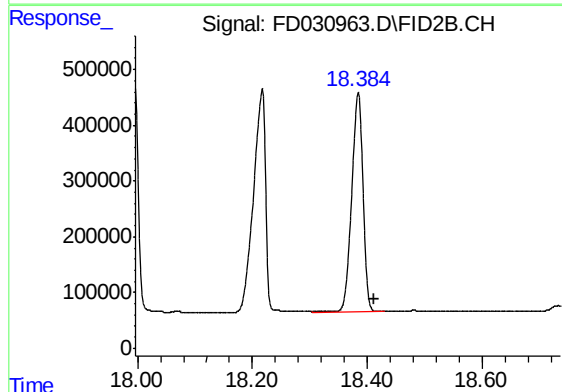
#17 n-Tricontane (C30)

R.T.: 17.562 min
Delta R.T.: -0.025 min
Response: 5612009
Conc: 43.20 ug/ml

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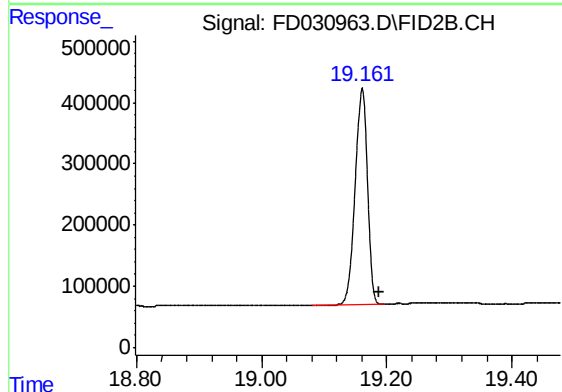
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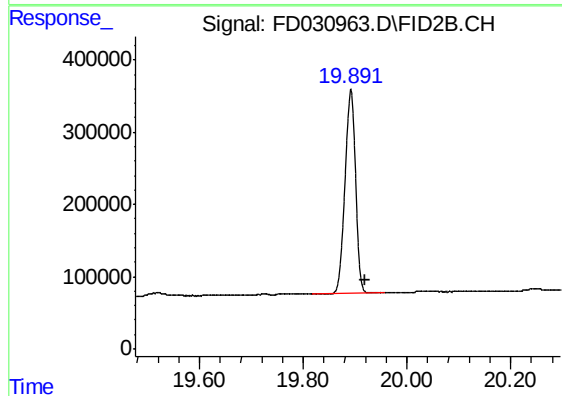
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: -0.028 min
Response: 5351032
Conc: 42.49 ug/ml



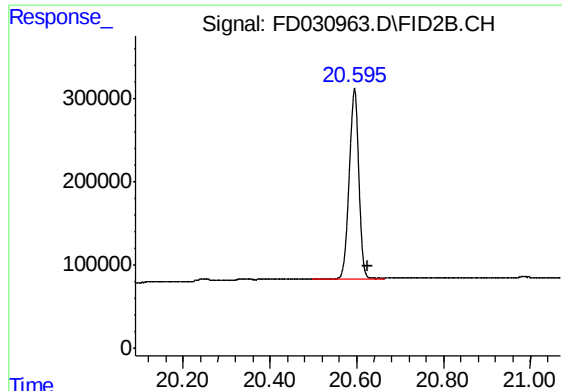
#19 n-Tetratriacontane (C34)

R.T.: 19.161 min
Delta R.T.: -0.027 min
Response: 4833026
Conc: 39.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.892 min
Delta R.T.: -0.028 min
Response: 4000029
Conc: 34.68 ug/ml



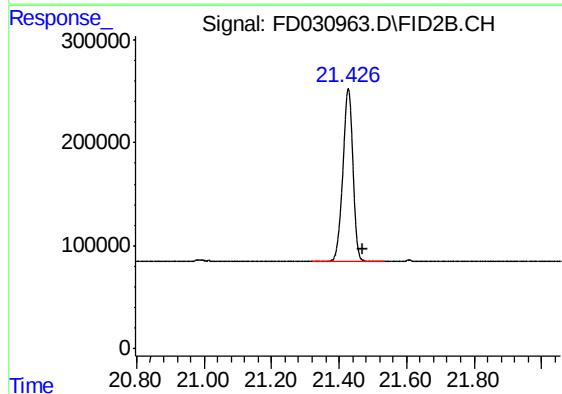
#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: -0.032 min
Response: 3479869
Conc: 32.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: -0.042 min
Response: 3477581
Conc: 32.87 ug/ml