

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030957.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2019 12:43
 Operator : DD\AJ
 Sample : PB123798BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB123798BSD

Manual Integrations
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 10/14/2019 8:32:25 AM

Integration File: autoint1.e
 Quant Time: Oct 11 03:27:02 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)	11.454	4138453	29.503 ug/ml
Spiked Amount 50.000		Recovery =	59.01%
12) S 1-chlorooctadecane (S...	12.881	3377193	31.126 ug/ml
Spiked Amount 50.000		Recovery =	62.25%
Target Compounds			
1) T n-Nonane (C9)	3.289	4535534	38.609 ug/ml
2) T n-Decane (C10)	4.340	4986146	42.468 ug/ml
3) T A-Naphthalene (C11.7)	5.908	5738960	43.984 ug/ml
4) T n-Dodecane (C12)	6.340	5139169	43.186 ug/ml
5) T A~2-methylnaphthalene...	6.956	5598255	42.467 ug/ml
6) T n-Tetradecane (C14)	8.123	5214188	43.270 ug/ml
7) T n-Hexadecane (C16)	9.712	5155379	42.155 ug/ml
8) T n-Octadecane (C18)	11.143	5019974	40.301 ug/ml
10) T n-Eicosane (C20)	12.442	4895672	38.823 ug/ml
11) T n-Heneicosane (C21)	13.048	4823642	37.727 ug/ml
13) T n-Docosane (C22)	13.630	4740662	37.006 ug/ml
14) T n-Tetracosane (C24)	14.724	4035248	31.097 ug/mlm
15) T n-Hexacosane (C26)	15.738	4442162	34.209 ug/ml
16) T n-Octacosane (C28)	16.678	4417131	34.118 ug/ml
17) T n-Tricontane (C30)	17.559	4287202	32.999 ug/mlm
18) T n-Dotriacontane (C32)	18.383	4126658	32.764 ug/ml
19) T n-Tetratriacontane (C34)	19.158	3833895	31.502 ug/mlm
20) T n-Hexatriacontane (C36)	19.891	3318163	28.768 ug/mlm
21) T n-Octatriacontane (C38)	20.594	2875635	27.266 ug/ml
22) T n-Tetracontane (C40)	21.426	2820717	26.659 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

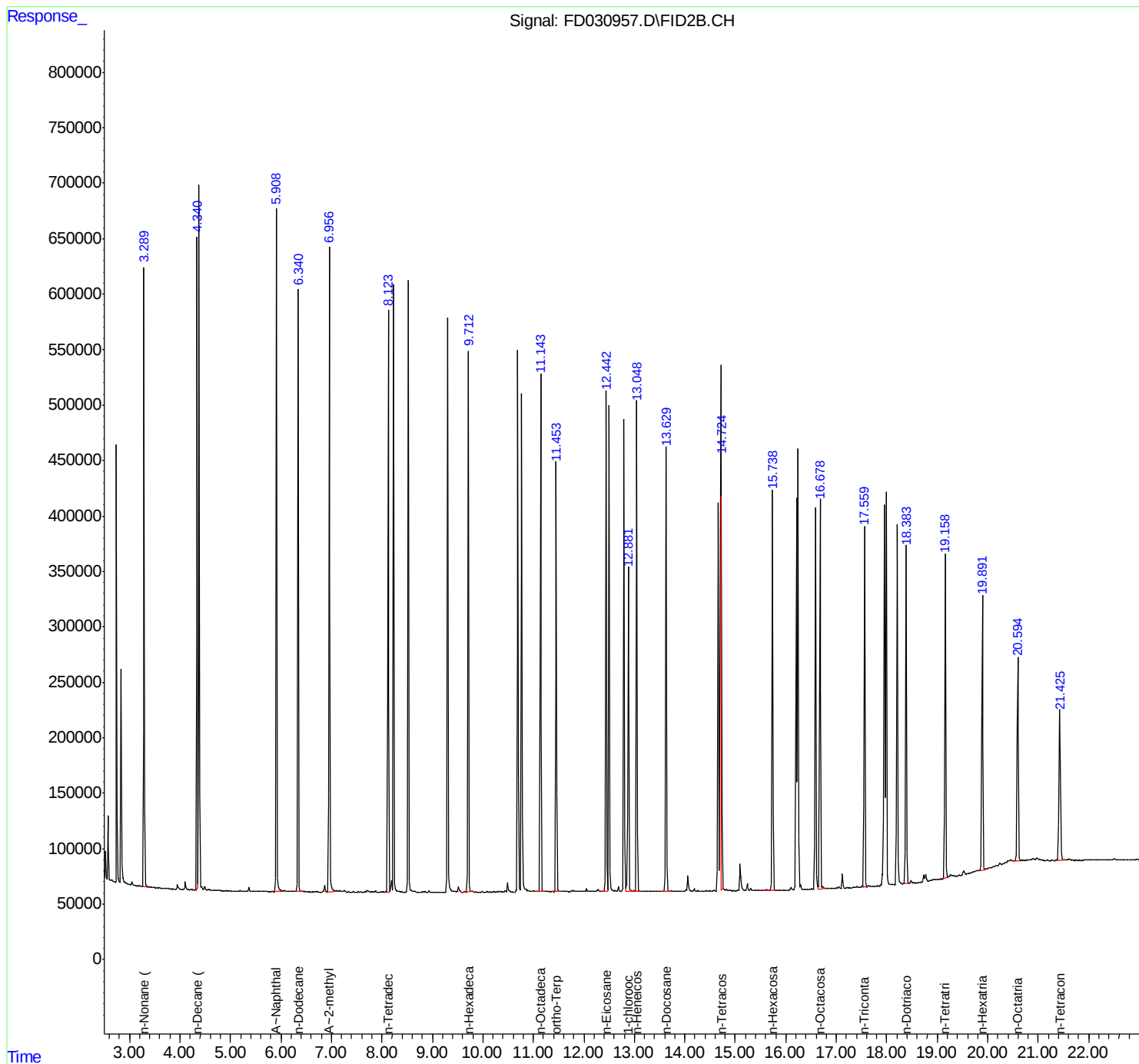
Instrument :
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PB123798BSD

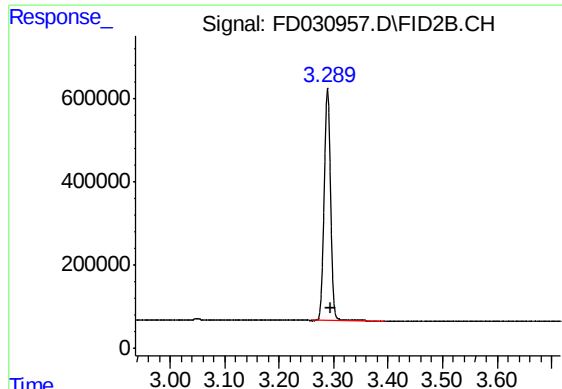
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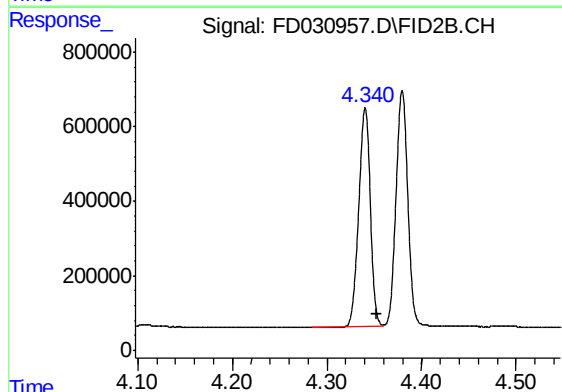
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 4535534
Conc: 38.61 ug/ml

Instrument :
FID_D
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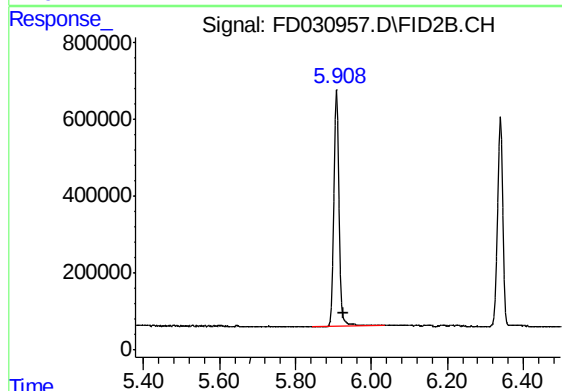
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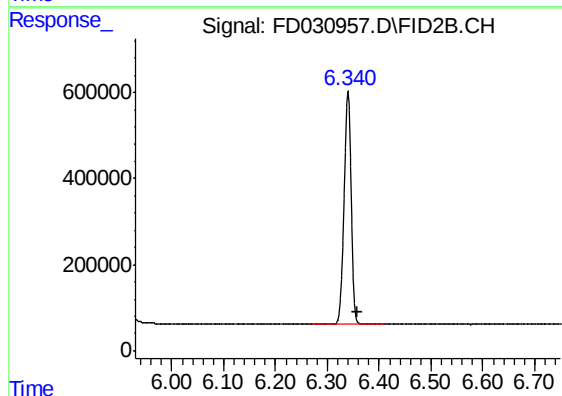
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.012 min
Response: 4986146
Conc: 42.47 ug/ml



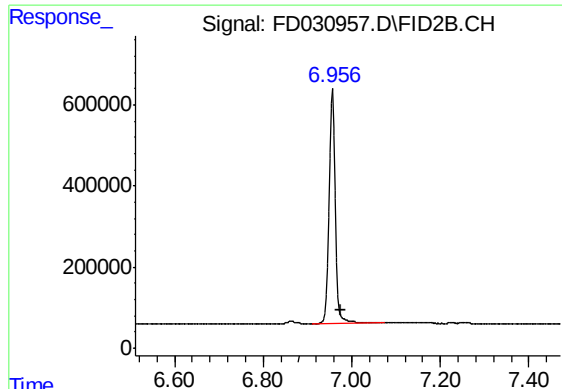
#3 A~Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.017 min
Response: 5738960
Conc: 43.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.340 min
Delta R.T.: -0.018 min
Response: 5139169
Conc: 43.19 ug/ml



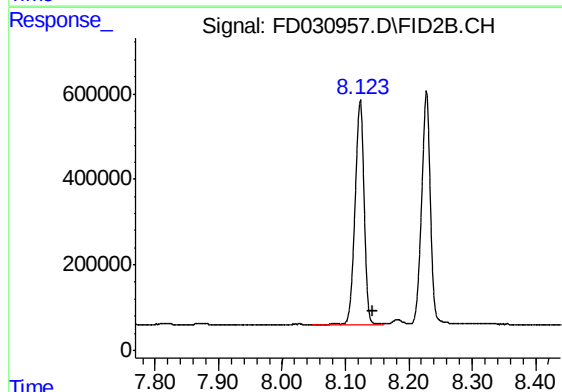
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.020 min
Response: 5598255
Conc: 42.47 ug/ml

Instrument :
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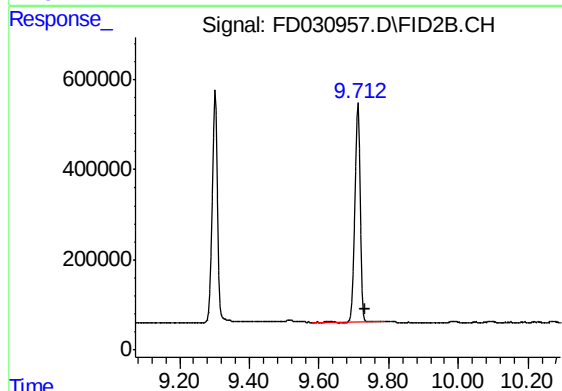
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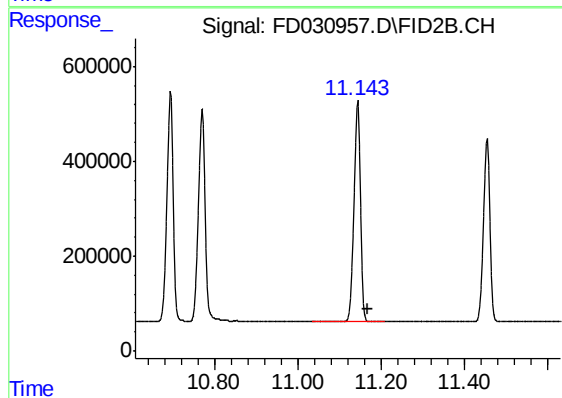
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: -0.020 min
Response: 5214188
Conc: 43.27 ug/ml



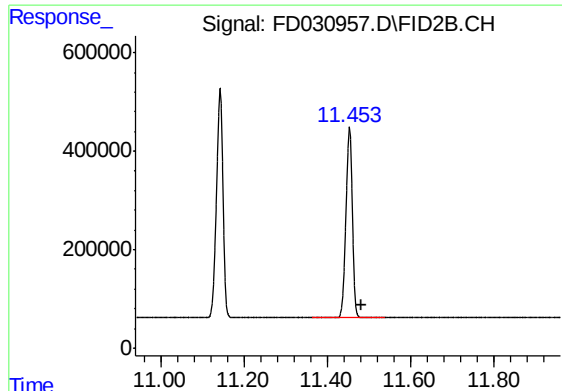
#7 n-Hexadecane (C16)

R.T.: 9.712 min
Delta R.T.: -0.023 min
Response: 5155379
Conc: 42.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.143 min
Delta R.T.: -0.025 min
Response: 5019974
Conc: 40.30 ug/ml



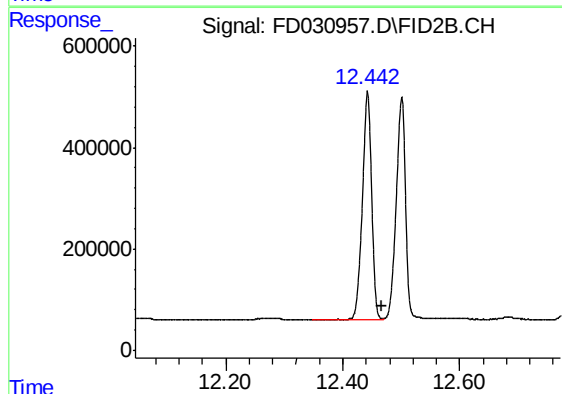
#9 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.028 min
Response: 4138453
Conc: 29.50 ug/ml

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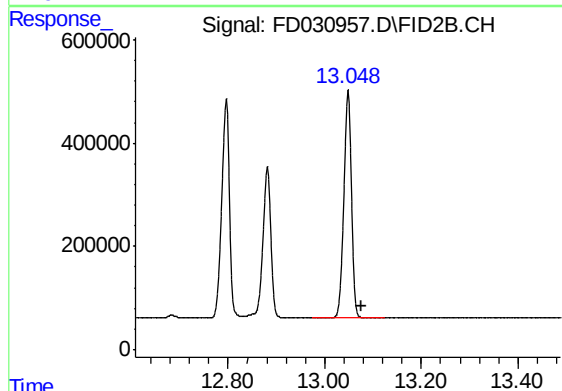
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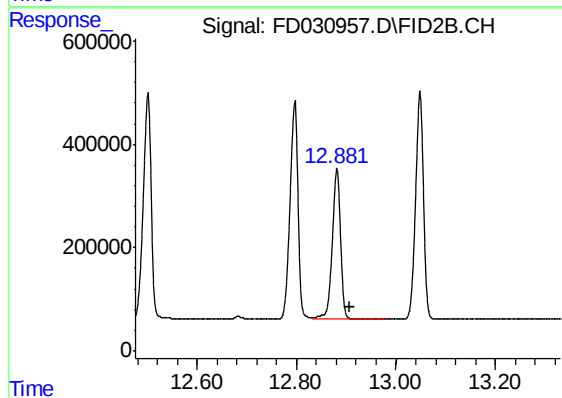
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.026 min
Response: 4895672
Conc: 38.82 ug/ml



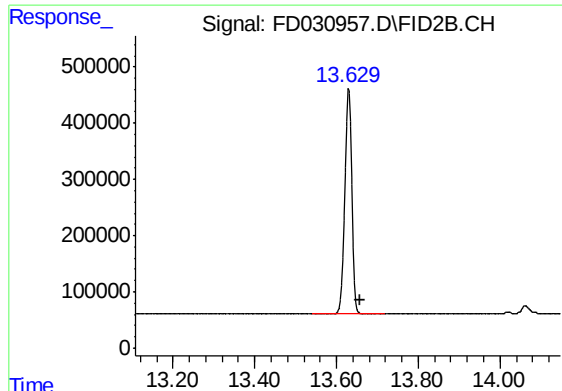
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: -0.027 min
Response: 4823642
Conc: 37.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min
Delta R.T.: -0.027 min
Response: 3377193
Conc: 31.13 ug/ml



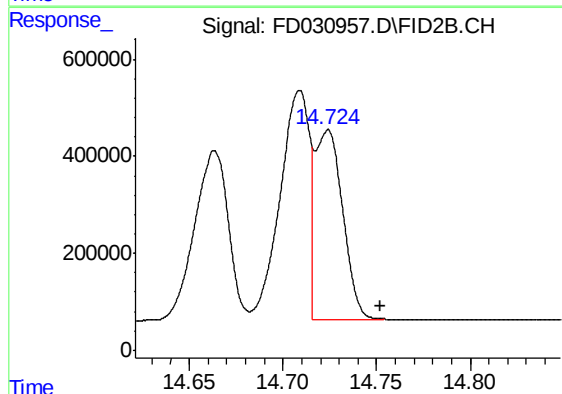
#13 n-Docosane (C22)

R.T.: 13.630 min
Delta R.T.: -0.028 min
Response: 4740662
Conc: 37.01 ug/ml

Instrument :
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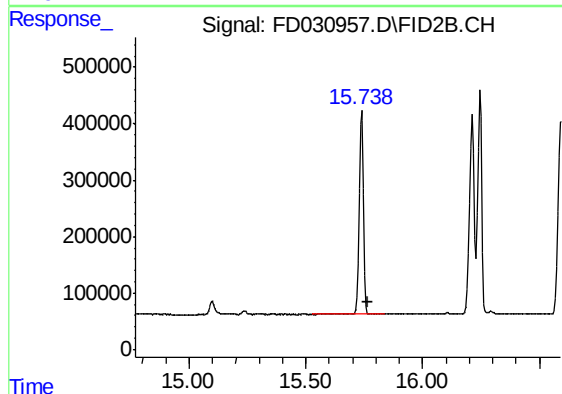
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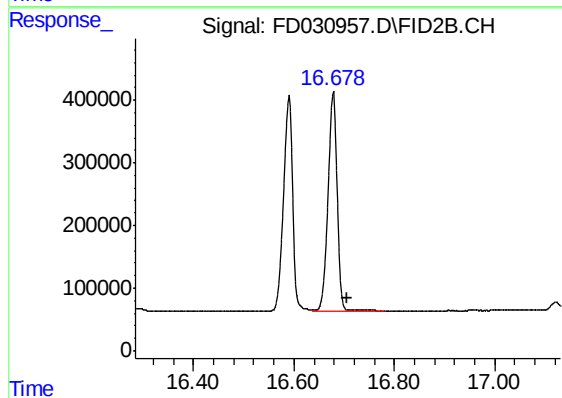
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: -0.028 min
Response: 4035248
Conc: 31.10 ug/ml m



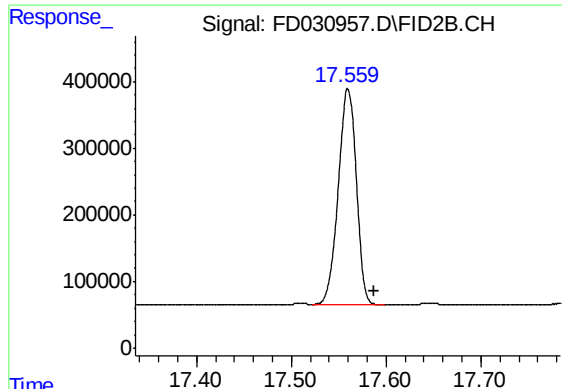
#15 n-Hexacosane (C26)

R.T.: 15.738 min
Delta R.T.: -0.027 min
Response: 4442162
Conc: 34.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.678 min
Delta R.T.: -0.029 min
Response: 4417131
Conc: 34.12 ug/ml



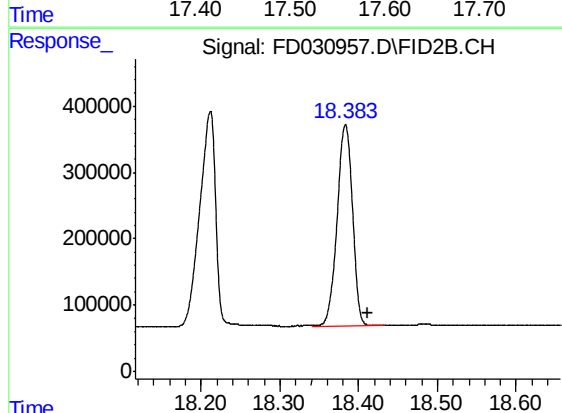
#17 n-Tricontane (C30)

R.T.: 17.559 min
Delta R.T.: -0.028 min
Response: 4287202
Conc: 33.00 ug/ml m

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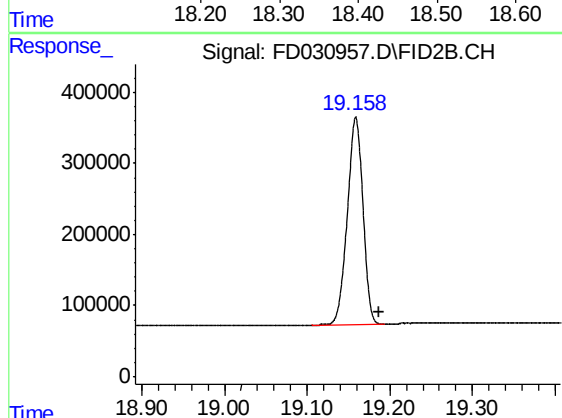
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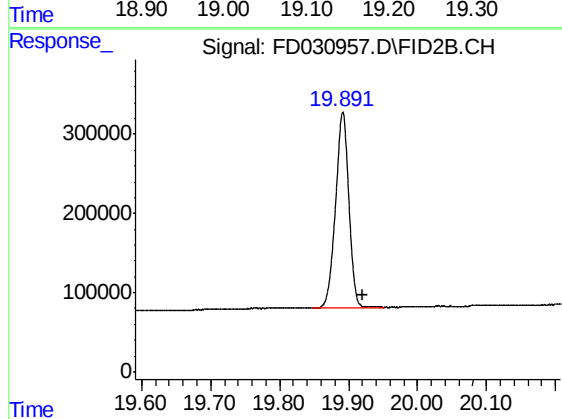
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: -0.029 min
Response: 4126658
Conc: 32.76 ug/ml



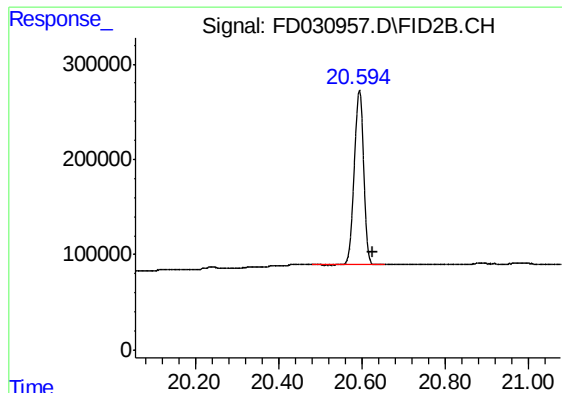
#19 n-Tetatriacontane (C34)

R.T.: 19.158 min
Delta R.T.: -0.030 min
Response: 3833895
Conc: 31.50 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: -0.028 min
Response: 3318163
Conc: 28.77 ug/ml m



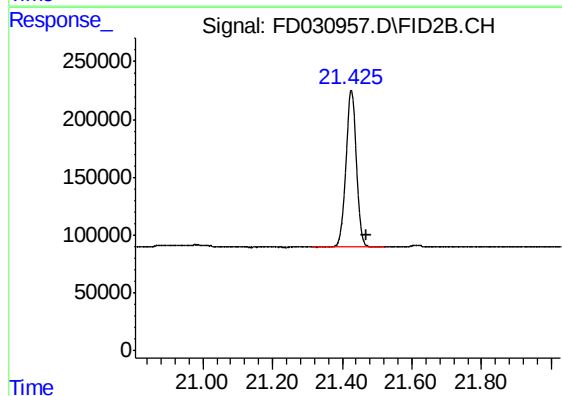
#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: -0.033 min
Response: 2875635
Conc: 27.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.426 min
Delta R.T.: -0.043 min
Response: 2820717
Conc: 26.66 ug/ml