

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030967.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2019 18:50
 Operator : DD\AJ
 Sample : K5300-06MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-18A-D2MSD

Manual Integrations
 APPROVED

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 10/14/2019 8:32:33 AM

Integration File: autoint1.e
 Quant Time: Oct 11 03:29:35 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)	11.452	4352501	31.029 ug/ml
Spiked Amount 50.000		Recovery =	62.06%
12) S 1-chlorooctadecane (S...	12.880	3627778	33.436 ug/ml
Spiked Amount 50.000		Recovery =	66.87%
Target Compounds			
1) T n-Nonane (C9)	3.282	3364084	28.637 ug/ml
2) T n-Decane (C10)	4.336	3945022	33.601 ug/ml
3) T A-Naphthalene (C11.7)	5.904	4888384	37.465 ug/ml
4) T n-Dodecane (C12)	6.338	4590635	38.577 ug/ml
5) T A~2-methylnaphthalene...	6.954	5212431	39.541 ug/ml
6) T n-Tetradecane (C14)	8.122	5113530	42.435 ug/ml
7) T n-Hexadecane (C16)	9.710	5406370	44.207 ug/ml
8) T n-Octadecane (C18)	11.142	5478860	43.984 ug/ml
10) T n-Eicosane (C20)	12.441	5436720	43.113 ug/ml
11) T n-Heneicosane (C21)	13.048	5375849	42.046 ug/ml
13) T n-Docosane (C22)	13.629	5291239	41.304 ug/ml
14) T n-Tetracosane (C24)	14.722	4186668	32.264 ug/mlm
15) T n-Hexacosane (C26)	15.737	5028042	38.721 ug/ml
16) T n-Octacosane (C28)	16.677	5111649	39.482 ug/ml
17) T n-Tricontane (C30)	17.559	5076677	39.076 ug/ml
18) T n-Dotriacontane (C32)	18.381	4596782	36.497 ug/ml
19) T n-Tetratriacontane (C34)	19.156	3968843	32.611 ug/ml
20) T n-Hexatriacontane (C36)	19.889	3283448	28.467 ug/ml
21) T n-Octatriacontane (C38)	20.592	2869266	27.205 ug/ml
22) T n-Tetracontane (C40)	21.424	2840889	26.850 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 63 Sample Multiplier: 1

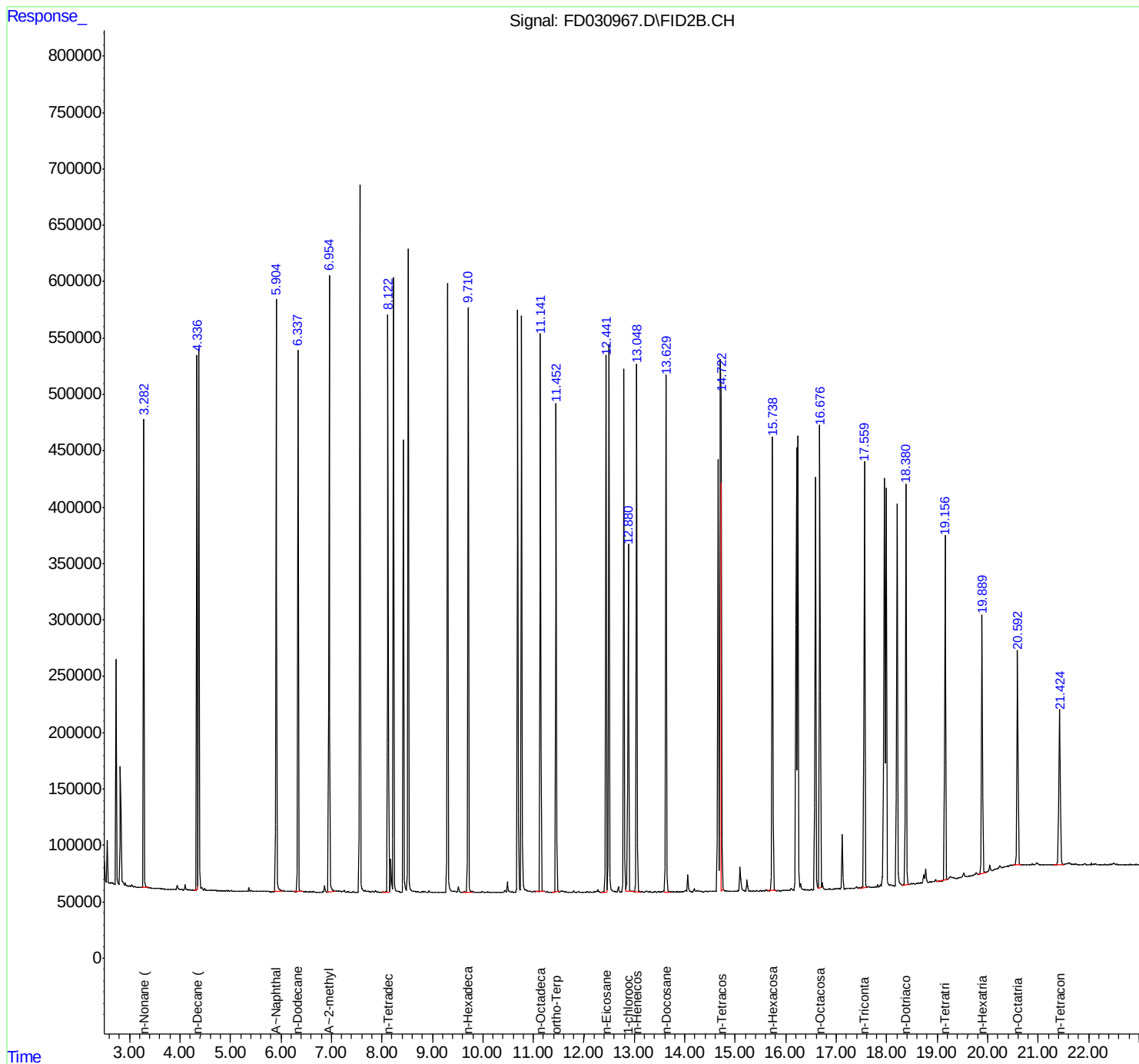
Instrument :
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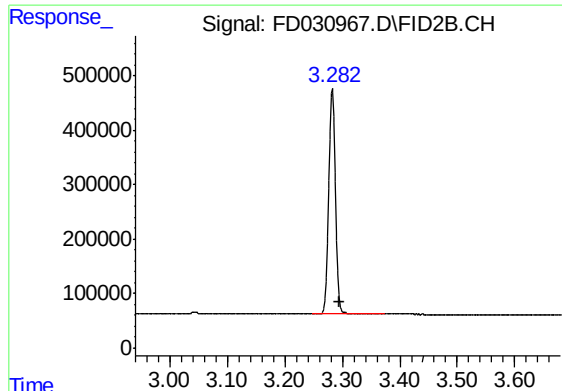
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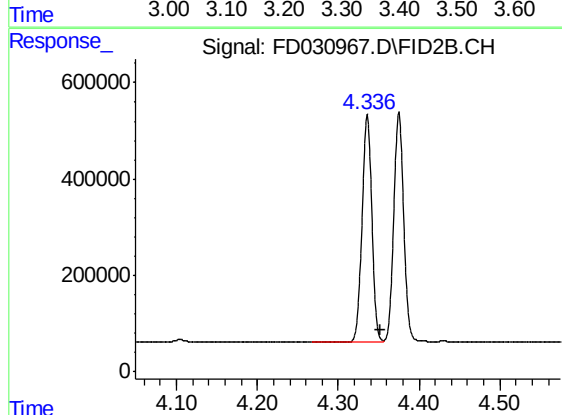
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 3364084
Conc: 28.64 ug/ml

Instrument :
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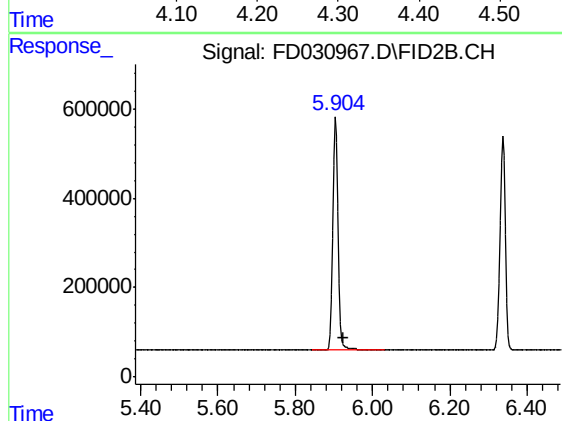
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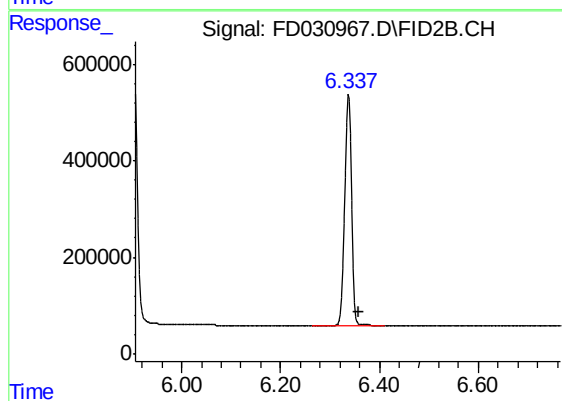
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.016 min
Response: 3945022
Conc: 33.60 ug/ml



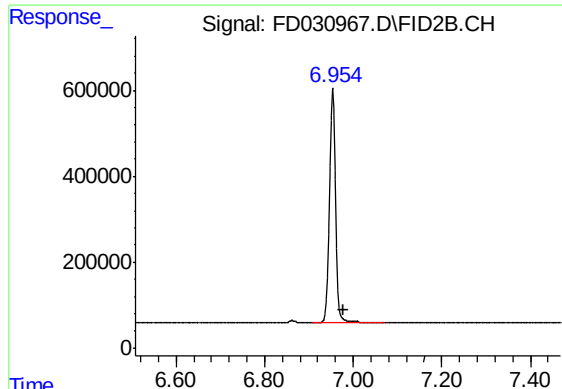
#3 A~Naphthalene (C11.7)

R.T.: 5.904 min
Delta R.T.: -0.021 min
Response: 4888384
Conc: 37.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.338 min
Delta R.T.: -0.020 min
Response: 4590635
Conc: 38.58 ug/ml



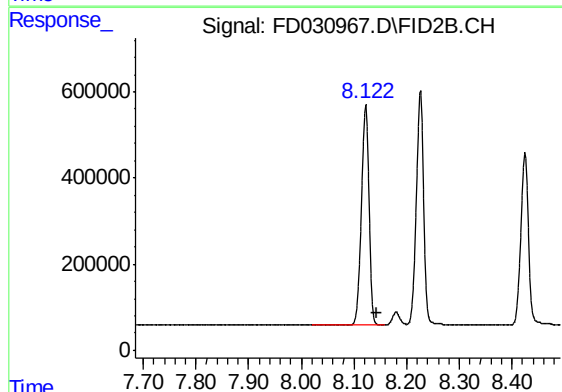
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.023 min
Response: 5212431
Conc: 39.54 ug/ml

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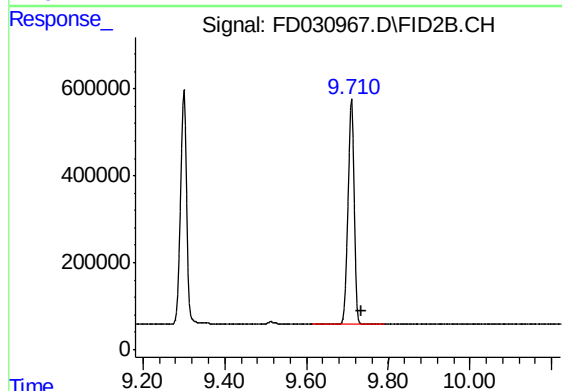
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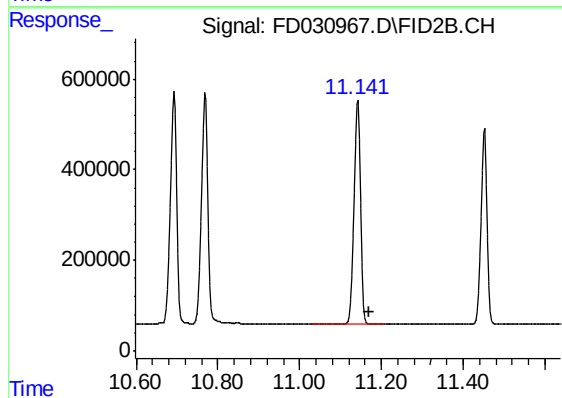
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.021 min
Response: 5113530
Conc: 42.43 ug/ml



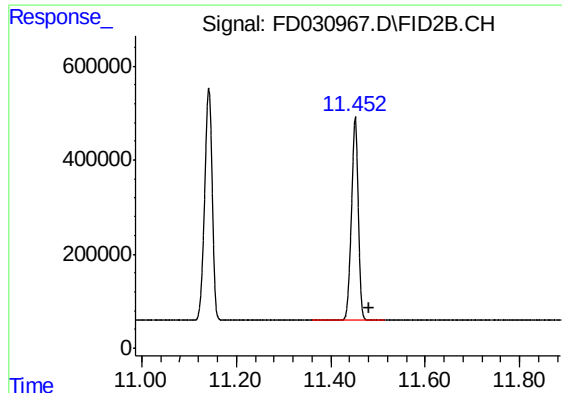
#7 n-Hexadecane (C16)

R.T.: 9.710 min
Delta R.T.: -0.024 min
Response: 5406370
Conc: 44.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.142 min
Delta R.T.: -0.027 min
Response: 5478860
Conc: 43.98 ug/ml



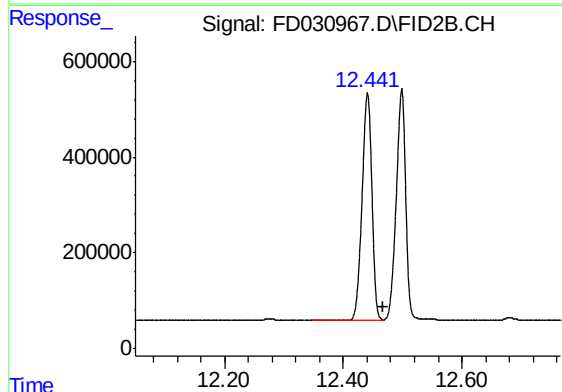
#9 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.030 min
Response: 4352501
Conc: 31.03 ug/ml

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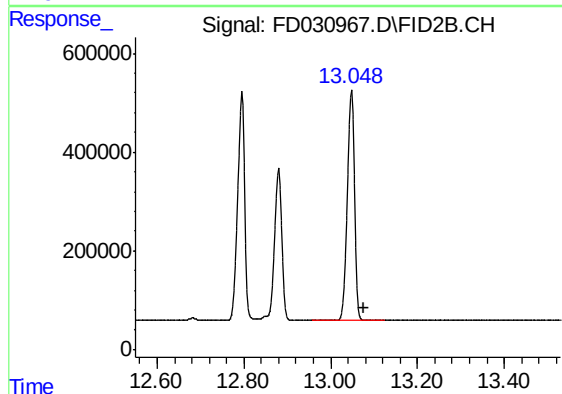
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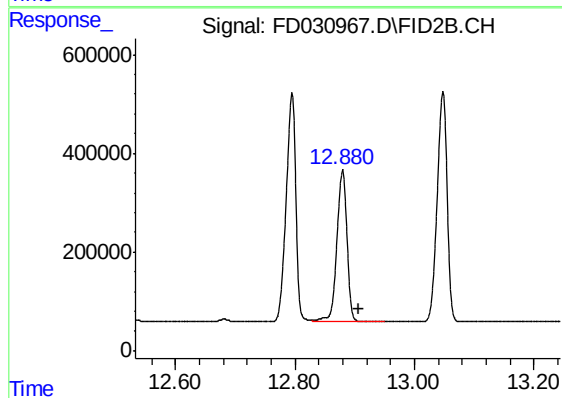
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: -0.027 min
Response: 5436720
Conc: 43.11 ug/ml



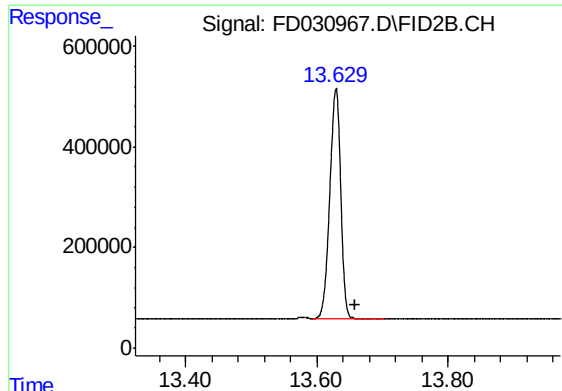
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: -0.028 min
Response: 5375849
Conc: 42.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: -0.028 min
Response: 3627778
Conc: 33.44 ug/ml



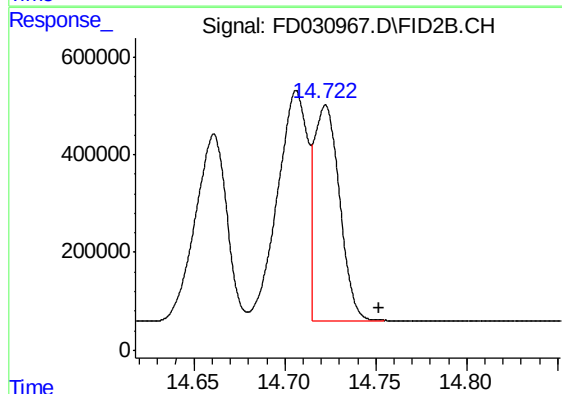
#13 n-Docosane (C22)

R.T.: 13.629 min
Delta R.T.: -0.028 min
Response: 5291239
Conc: 41.30 ug/ml

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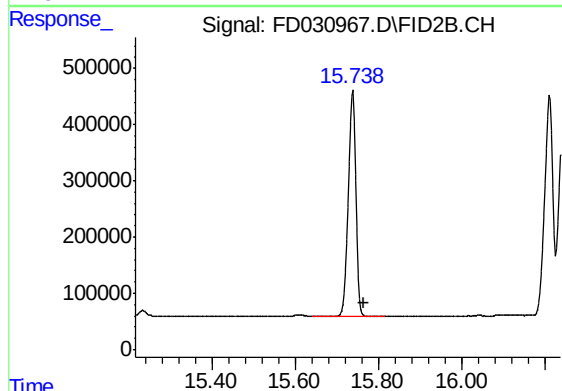
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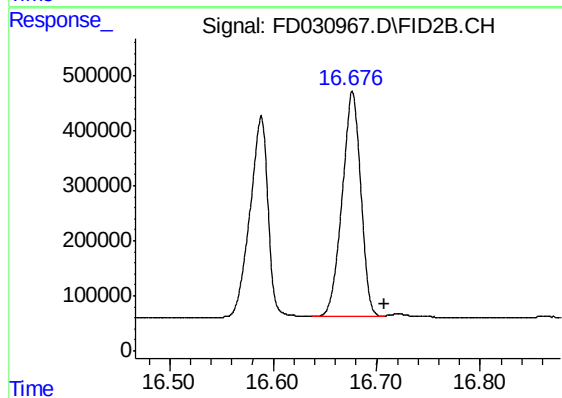
#14 n-Tetracosane (C24)

R.T.: 14.722 min
Delta R.T.: -0.030 min
Response: 4186668
Conc: 32.26 ug/ml m



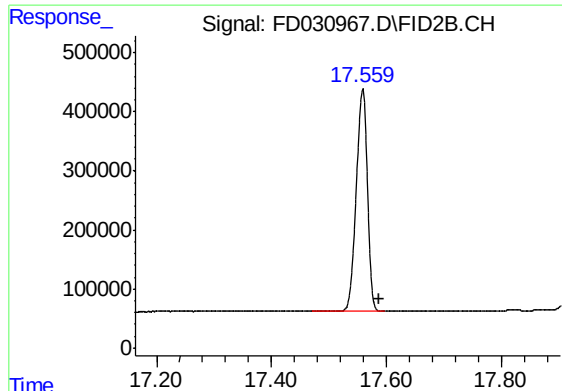
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: -0.027 min
Response: 5028042
Conc: 38.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.677 min
Delta R.T.: -0.030 min
Response: 5111649
Conc: 39.48 ug/ml



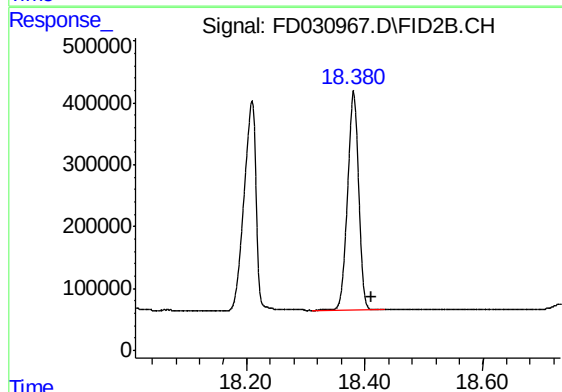
#17 n-Tricontane (C30)

R.T.: 17.559 min
Delta R.T.: -0.028 min
Response: 5076677
Conc: 39.08 ug/ml

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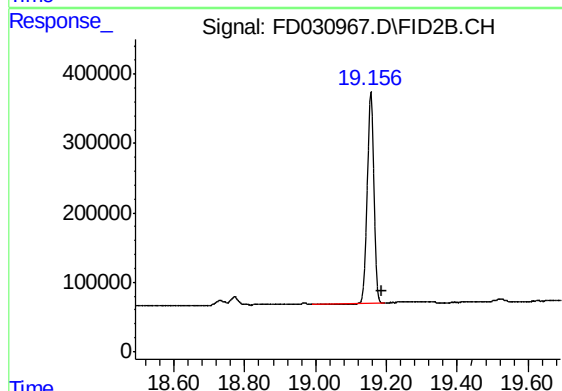
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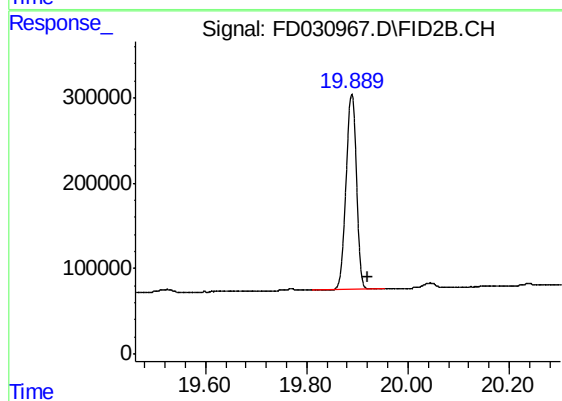
#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: -0.031 min
Response: 4596782
Conc: 36.50 ug/ml



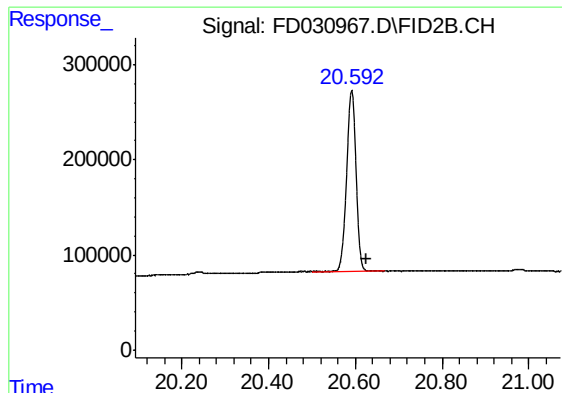
#19 n-Tetatriacontane (C34)

R.T.: 19.156 min
Delta R.T.: -0.032 min
Response: 3968843
Conc: 32.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.889 min
Delta R.T.: -0.031 min
Response: 3283448
Conc: 28.47 ug/ml



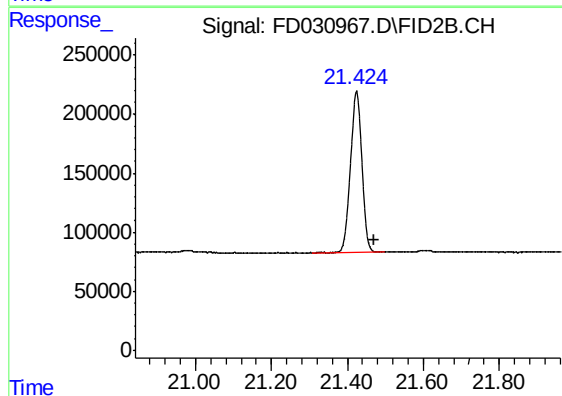
#21 n-Octatriacontane (C38)

R.T.: 20.592 min
Delta R.T.: -0.035 min
Response: 2869266
Conc: 27.21 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: -0.045 min
Response: 2840889
Conc: 26.85 ug/ml