

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100919AL\
 Data File : FD030947.D
 Signal(s) : FID2B.CH
 Acq On : 09 Oct 2019 21:20
 Operator : DD\AJ
 Sample : K5287-04MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T11-DP9RRR 7.0-7.5 100819MS

Manual Integrations
 APPROVED

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 10/10/2019 1:41:44 PM

Integration File: autoint1.e
 Quant Time: Oct 10 01:14:36 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)	11.480	2329687	16.608 ug/mlm
Spiked Amount 50.000		Recovery =	33.22%
12) S 1-chlorooctadecane (S...	12.910	4736131	43.651 ug/mlm
Spiked Amount 50.000		Recovery =	87.30%
Target Compounds			
1) T n-Nonane (C9)	3.327	30558242	260.126 ug/mlm
2) T n-Decane (C10)	4.370	13408386	114.202 ug/mlm
3) T A-Naphthalene (C11.7)	5.970	46586016	357.041 ug/mlm
4) T n-Dodecane (C12)	6.383	28583941	240.200 ug/mlm
5) T A~2-methylnaphthalene...	7.000	11703013	88.777 ug/mlm
6) T n-Tetradecane (C14)	8.143	212447617	1763.009 ug/mlm
7) T n-Hexadecane (C16)	9.728	2332701	19.074 ug/mlm
8) T n-Octadecane (C18)	11.169	3933136	31.575 ug/mlm
10) T n-Eicosane (C20)	12.452	3873110	30.714 ug/mlm
11) T n-Heneicosane (C21)	13.077	7063252	55.244 ug/mlm
13) T n-Docosane (C22)	13.647	8144369	63.576 ug/mlm
14) T n-Tetracosane (C24)	14.734	19666871	151.562 ug/ml
15) T n-Hexacosane (C26)	15.747	8515245	65.576 ug/ml
16) T n-Octacosane (C28)	16.686	8577215	66.250 ug/ml
17) T n-Tricontane (C30)	17.569	7875963	60.623 ug/ml
18) T n-Dotriacontane (C32)	18.390	7402223	58.771 ug/ml
19) T n-Tetratriacontane (C34)	19.166	7271021	59.743 ug/ml
20) T n-Hexatriacontane (C36)	19.898	6766630	58.665 ug/ml
21) T n-Octatriacontane (C38)	20.604	6270487	59.454 ug/ml
22) T n-Tetracontane (C40)	21.439	6462219	61.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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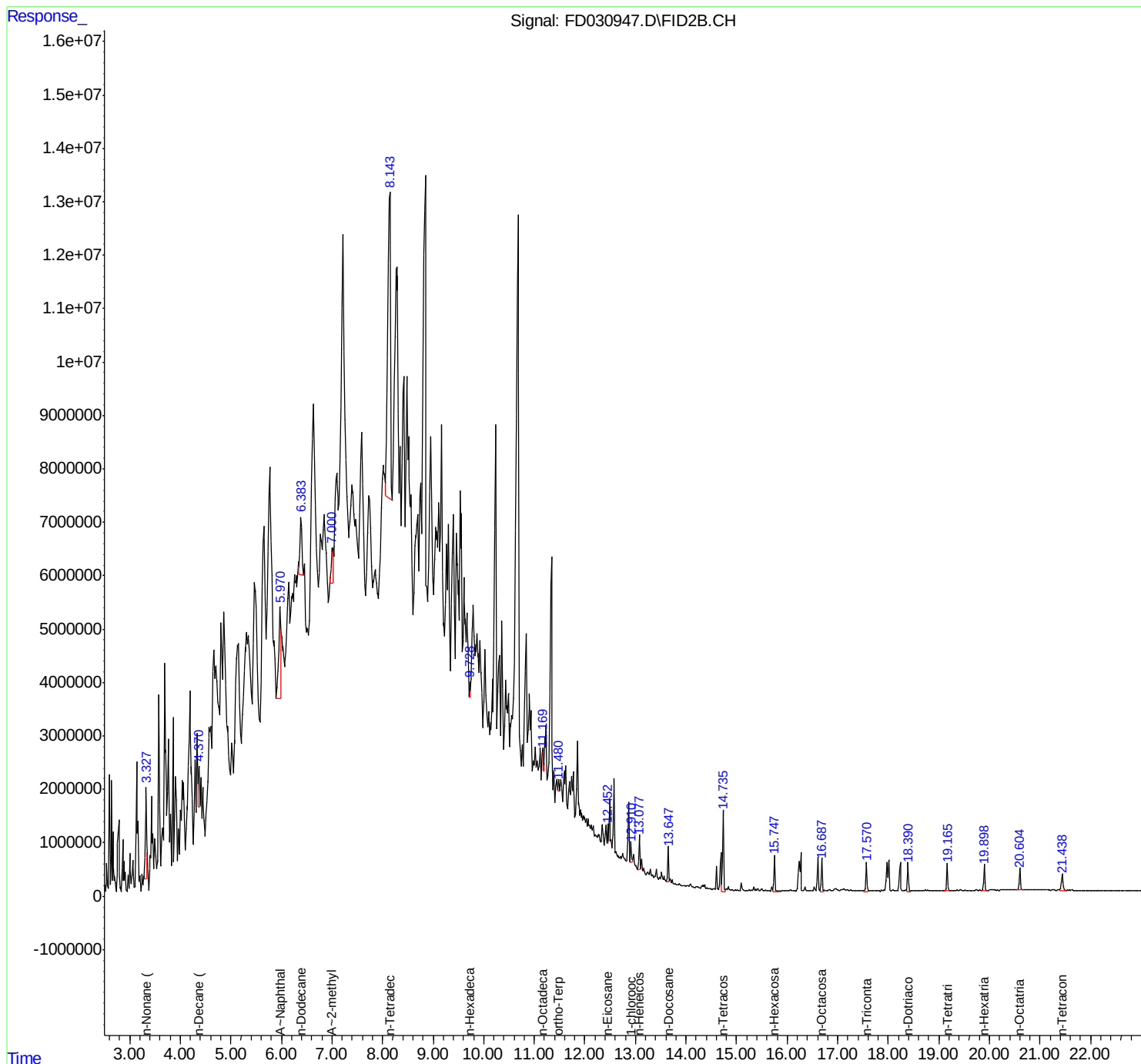
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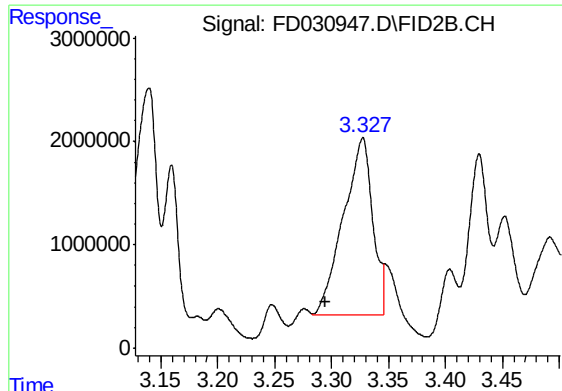
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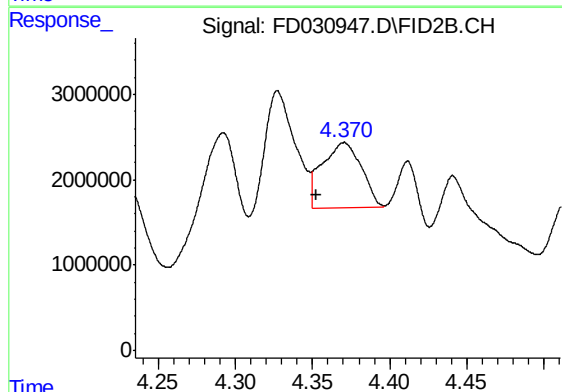
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: 0.032 min
Response: 30558242
Conc: 260.13 ug/ml m

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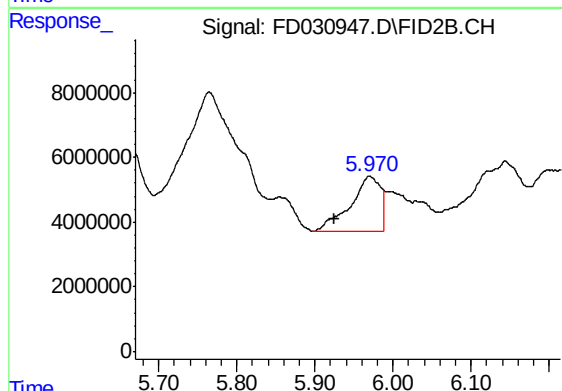
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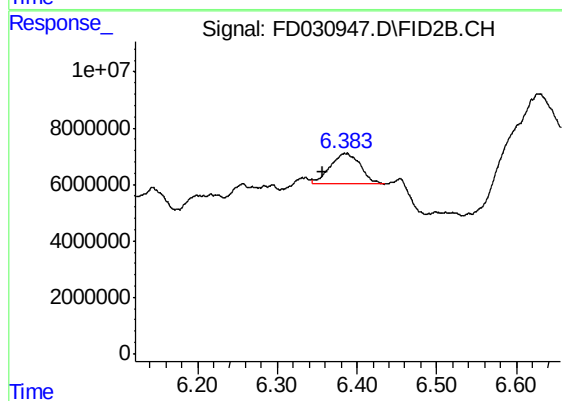
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.018 min
Response: 13408386
Conc: 114.20 ug/ml m



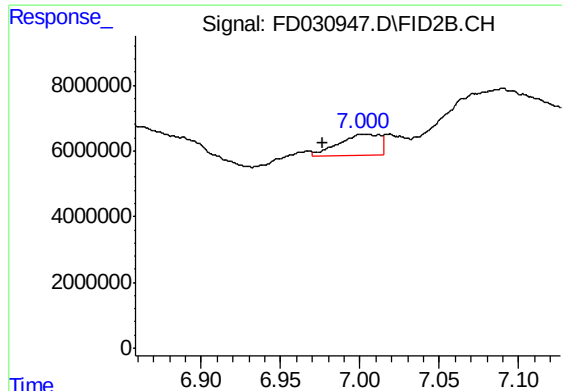
#3 A-Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.045 min
Response: 46586016
Conc: 357.04 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.026 min
Response: 28583941
Conc: 240.20 ug/ml m



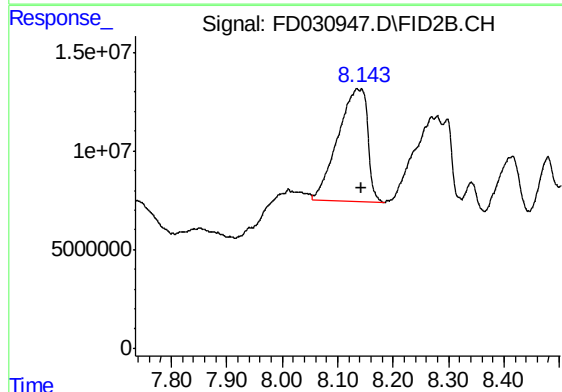
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: 0.023 min
Response: 11703013
Conc: 88.78 ug/ml m

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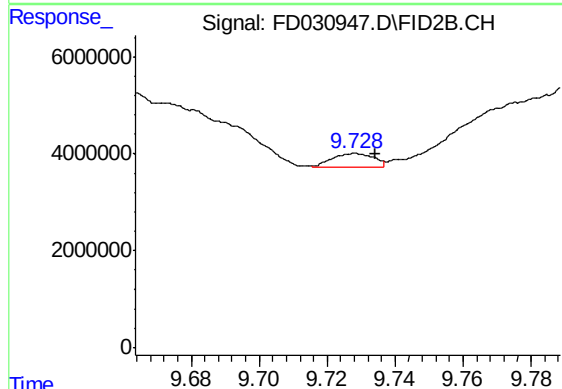
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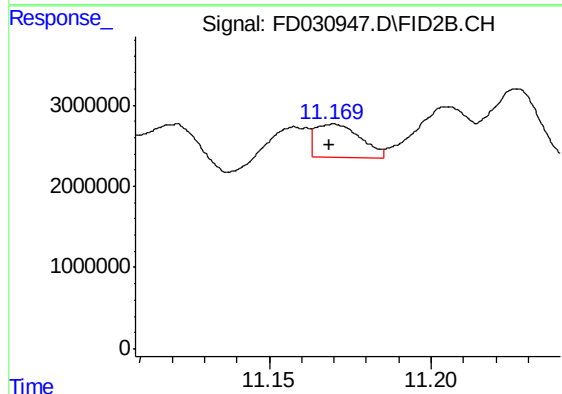
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 212447617
Conc: 1763.01 ug/ml m



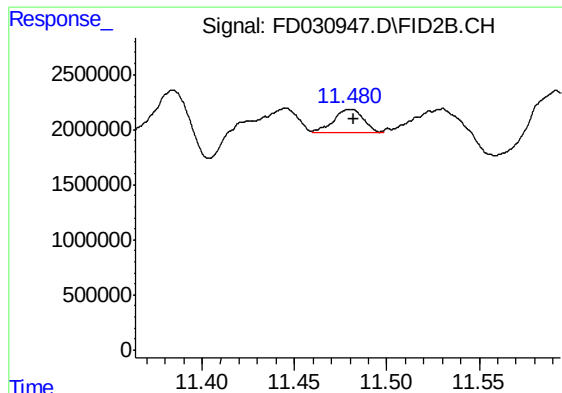
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.006 min
Response: 2332701
Conc: 19.07 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: 0.000 min
Response: 3933136
Conc: 31.58 ug/ml m



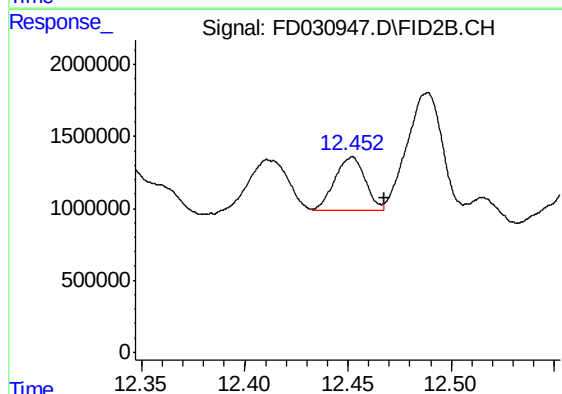
#9 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: -0.002 min
Response: 2329687
Conc: 16.61 ug/ml m

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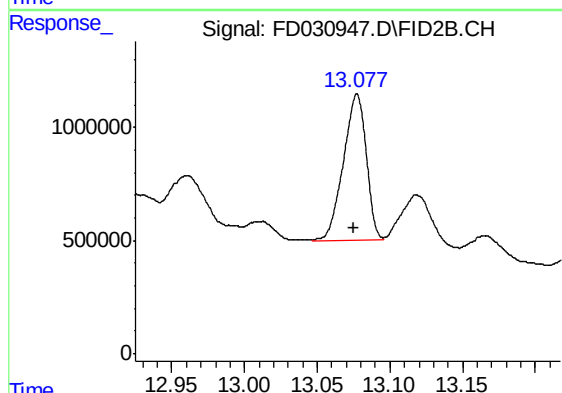
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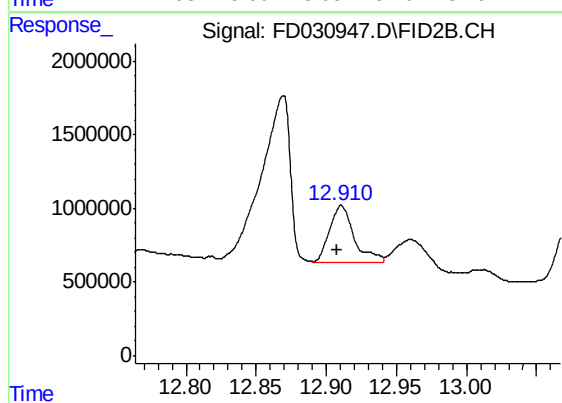
#10 n-Eicosane (C20)

R.T.: 12.452 min
Delta R.T.: -0.016 min
Response: 3873110
Conc: 30.71 ug/ml m



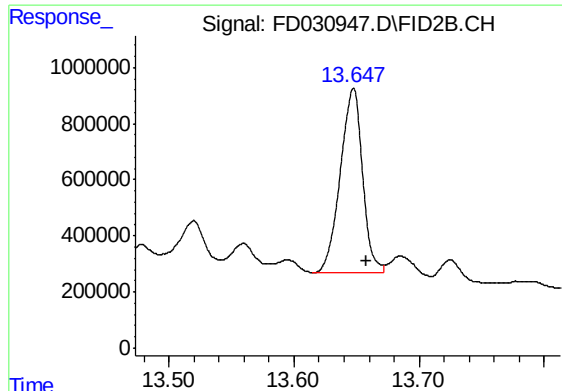
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: 0.002 min
Response: 7063252
Conc: 55.24 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 4736131
Conc: 43.65 ug/ml m



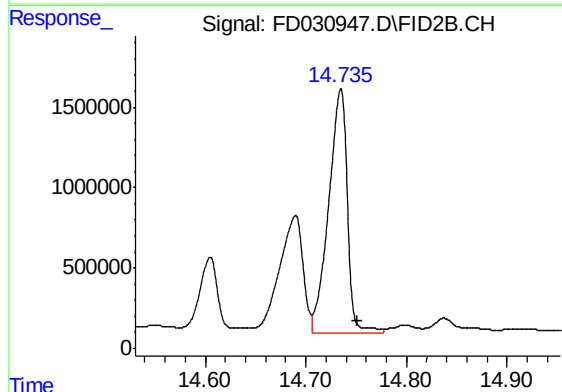
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.010 min
Response: 8144369
Conc: 63.58 ug/ml m

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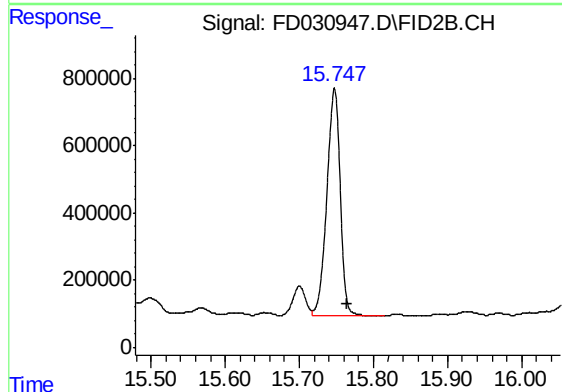
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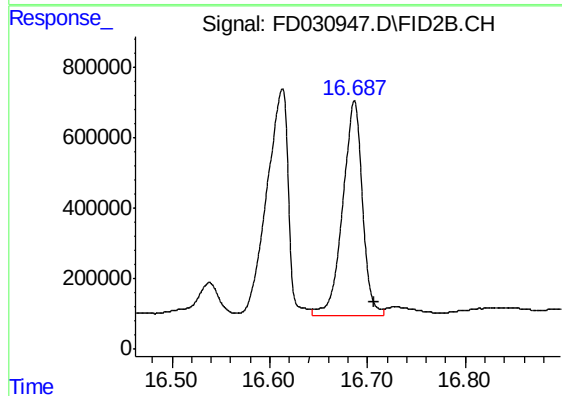
#14 n-Tetracosane (C24)

R.T.: 14.734 min
Delta R.T.: -0.018 min
Response: 19666871
Conc: 151.56 ug/ml



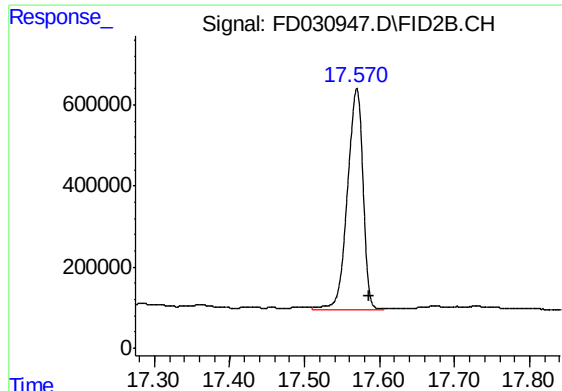
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: -0.017 min
Response: 8515245
Conc: 65.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.020 min
Response: 8577215
Conc: 66.25 ug/ml



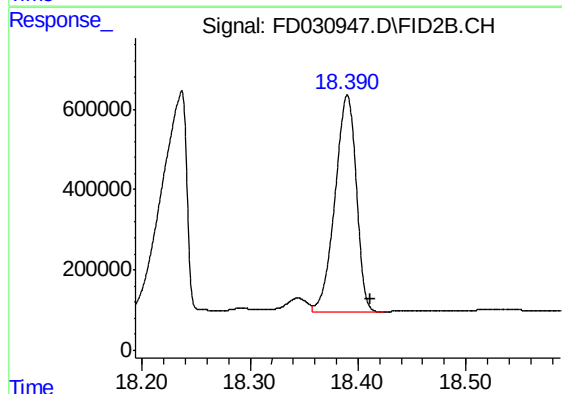
#17 n-Tricontane (C30)

R.T.: 17.569 min
Delta R.T.: -0.017 min
Response: 7875963
Conc: 60.62 ug/ml

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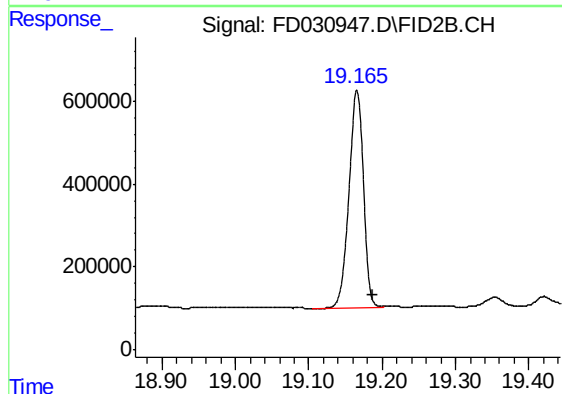
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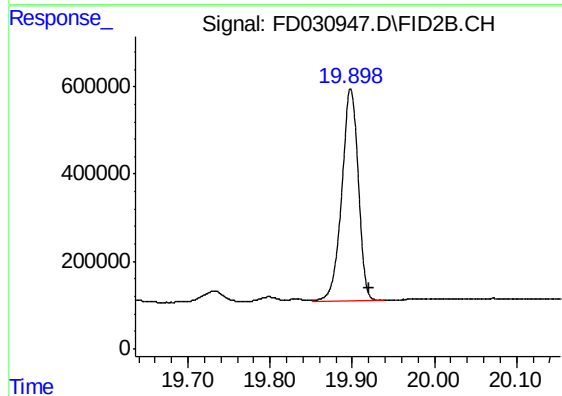
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: -0.022 min
Response: 7402223
Conc: 58.77 ug/ml



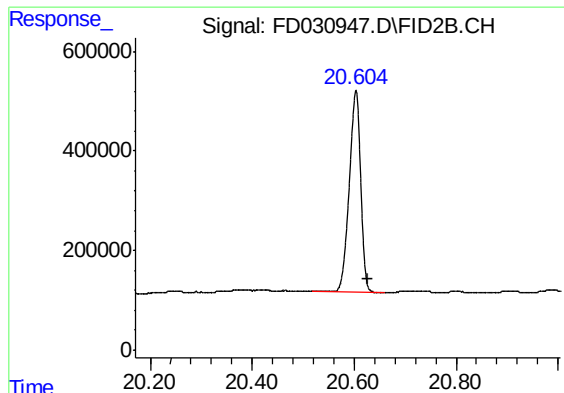
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: -0.022 min
Response: 7271021
Conc: 59.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.898 min
Delta R.T.: -0.022 min
Response: 6766630
Conc: 58.66 ug/ml



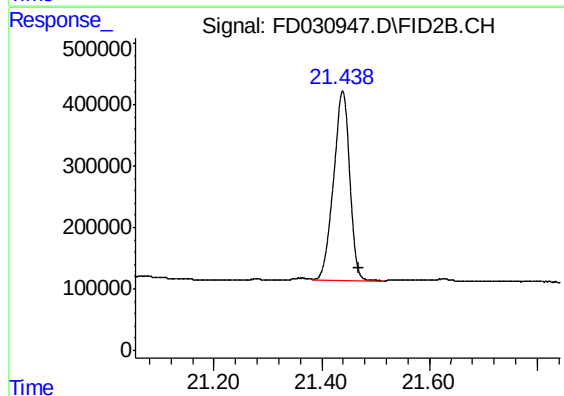
#21 n-Octatriacontane (C38)

R.T.: 20.604 min
Delta R.T.: -0.023 min
Response: 6270487
Conc: 59.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.439 min
Delta R.T.: -0.031 min
Response: 6462219
Conc: 61.08 ug/ml