

Data Path : P:\HPCHEM1\FID C\Data\FC051218AL\
 Data File : FC033948.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2018 17:53
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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 5/14/2018 3:36:55 PM

Integration File: autoint1.e
 Quant Time: May 14 03:19:41 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Aliphatic EPH 042418.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 20:41:39 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)	11.448	2614125	16.833 ug/ml
Spiked Amount 50.000		Recovery =	33.67%
12) S 1-chlorooctadecane (S...	12.883	2023878	17.233 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
Target Compounds			
1) T n-Nonane (C9)	3.258	2407935	17.639 ug/ml
2) T n-Decane (C10)	4.323	2501241	18.001 ug/ml
3) T A-Naphthalene (C11.7)	5.896	2796340	18.023 ug/ml
4) T n-Dodecane (C12)	6.333	2545741	17.721 ug/ml
5) T A-2-methylnaphthalene...	6.945	2795039	17.830 ug/ml
6) T n-Tetradecane (C14)	8.116	2567042	17.167 ug/ml
7) T n-Hexadecane (C16)	9.706	2525767	16.759 ug/ml
8) T n-Octadecane (C18)	11.141	2442289	16.526 ug/ml
10) T n-Eicosane (C20)	12.442	2443113	16.630 ug/ml
11) T n-Heneicosane (C21)	13.051	2414126	16.743 ug/ml
13) T n-Docosane (C22)	13.634	2437271	17.100 ug/ml
14) T n-Tetracosane (C24)	14.731	2415196	17.600 ug/ml
15) T n-Hexacosane (C26)	15.748	2398224	18.336 ug/ml
16) T n-Octacosane (C28)	16.692	2440274	19.115 ug/ml
17) T n-Tricontane (C30)	17.577	2403814	19.952 ug/ml
18) T n-Dotriacontane (C32)	18.407	2370308	20.363 ug/mlm
19) T n-Tetratriacontane (C34)	19.186	2240441	20.731 ug/ml
20) T n-Hexatriacontane (C36)	19.923	2146393	21.441 ug/mlm
21) T n-Octatriacontane (C38)	20.636	1982584	20.711 ug/ml
22) T n-Tetracontane (C40)	21.494	1858413	20.707 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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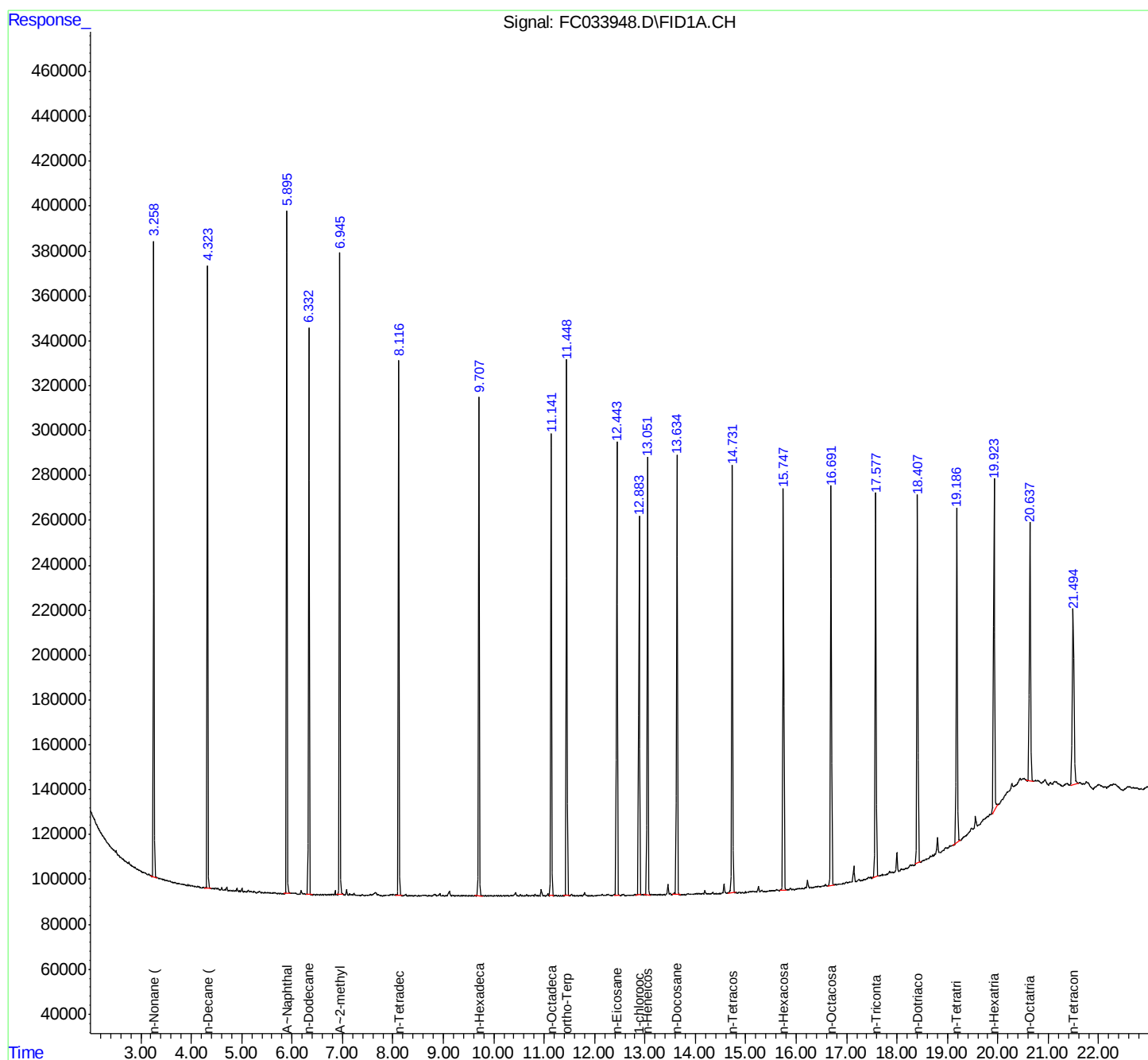
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

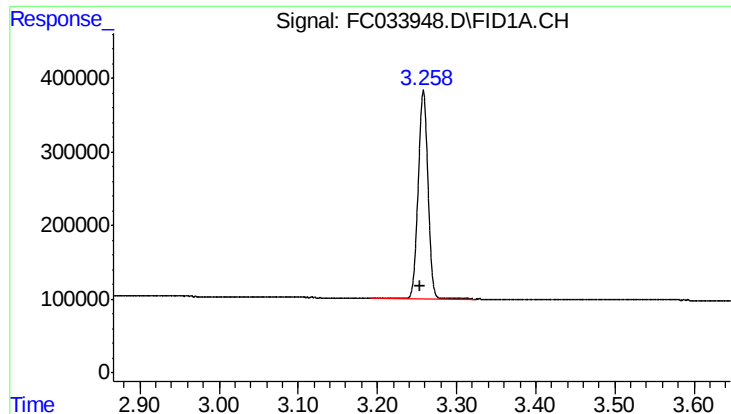
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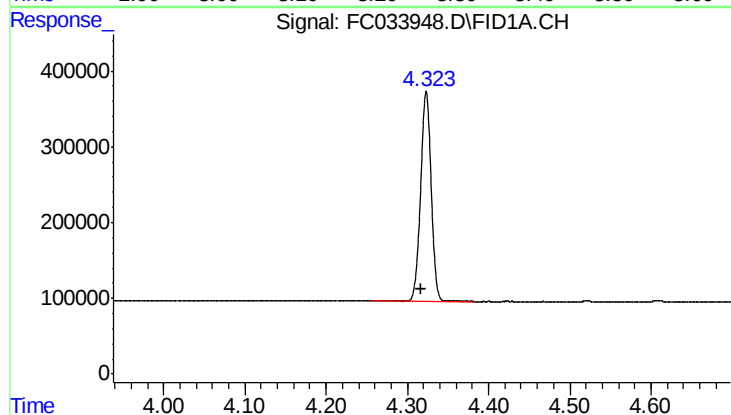
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.005 min
Response: 2407935
Conc: 17.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

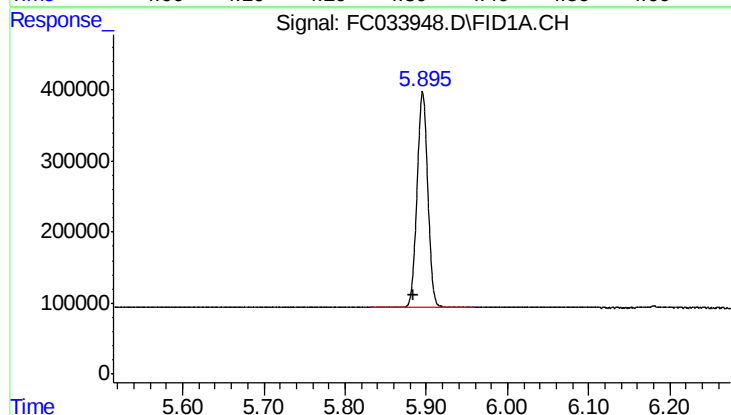
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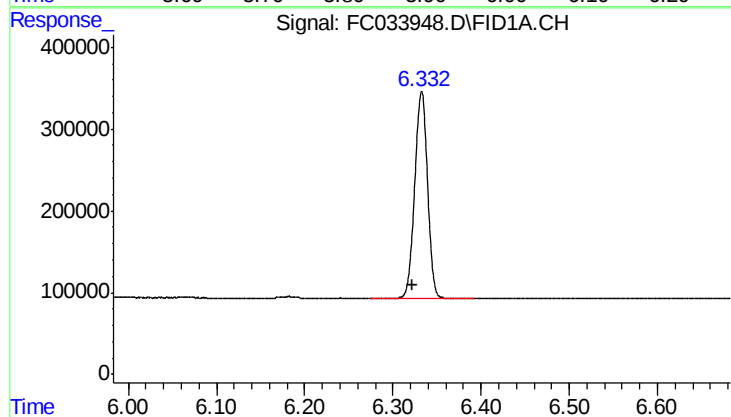
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.006 min
Response: 2501241
Conc: 18.00 ug/ml



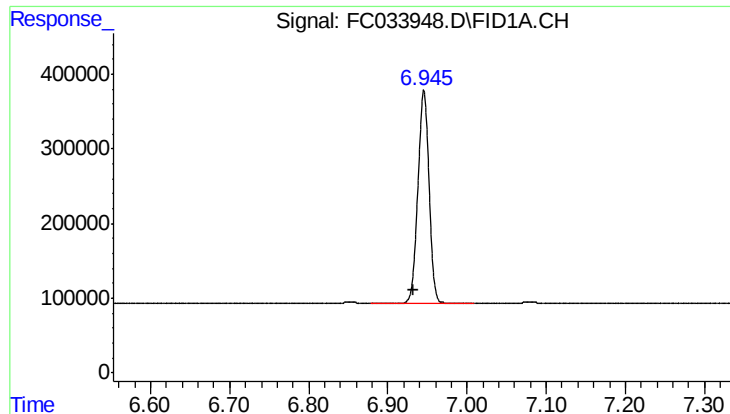
#3 A-Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.011 min
Response: 2796340
Conc: 18.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: 0.010 min
Response: 2545741
Conc: 17.72 ug/ml



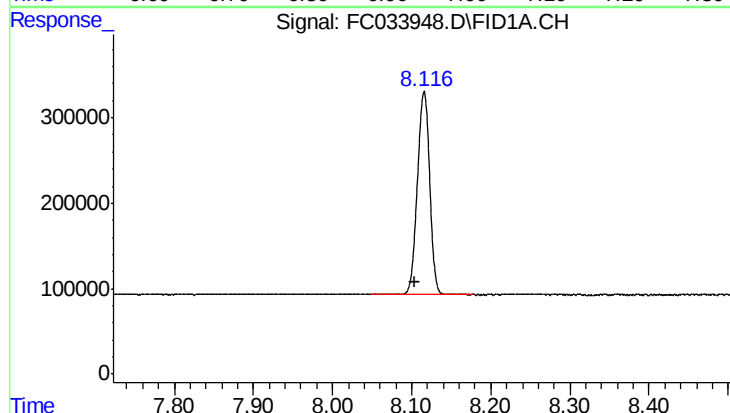
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.013 min
Response: 2795039
Conc: 17.83 ug/ml

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20 PPM ALIPHATIC HC STD

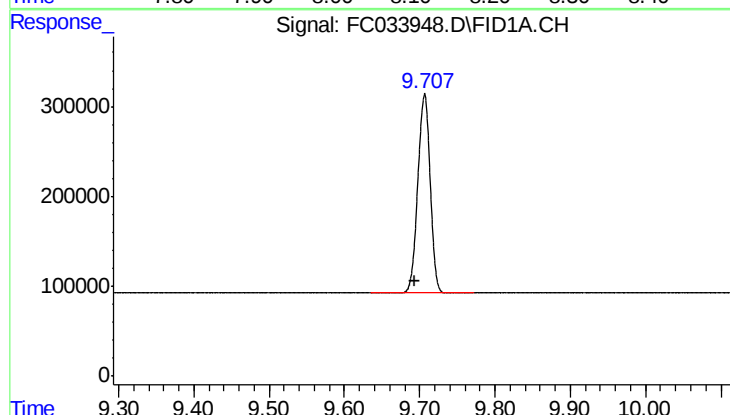
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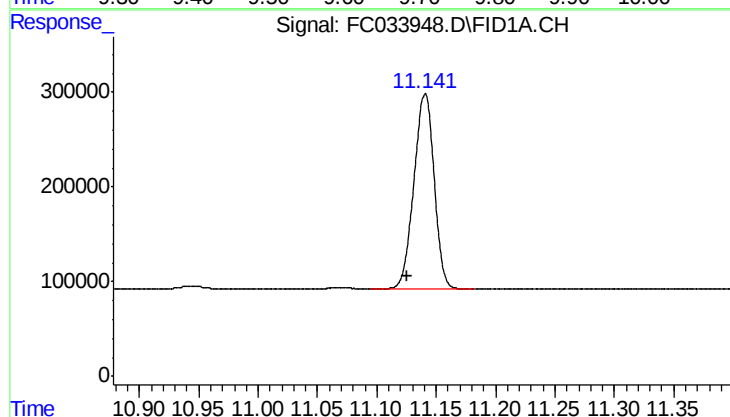
#6 n-Tetradecane (C14)

R.T.: 8.116 min
Delta R.T.: 0.011 min
Response: 2567042
Conc: 17.17 ug/ml



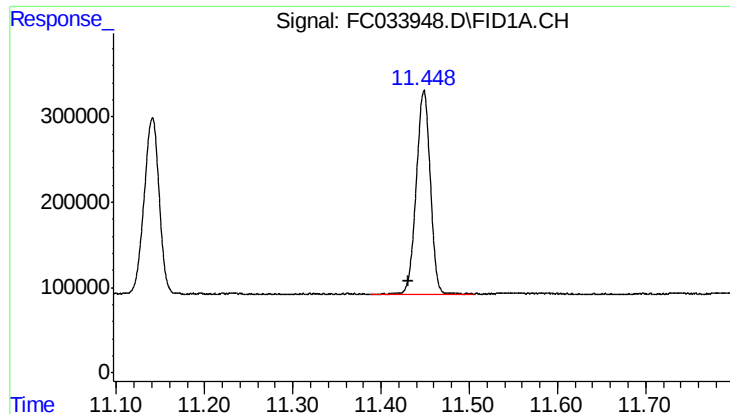
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: 0.012 min
Response: 2525767
Conc: 16.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.141 min
Delta R.T.: 0.015 min
Response: 2442289
Conc: 16.53 ug/ml



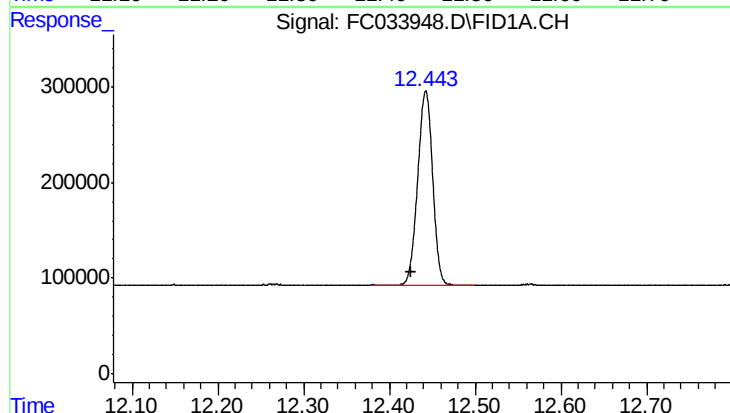
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.017 min
Response: 2614125
Conc: 16.83 ug/ml

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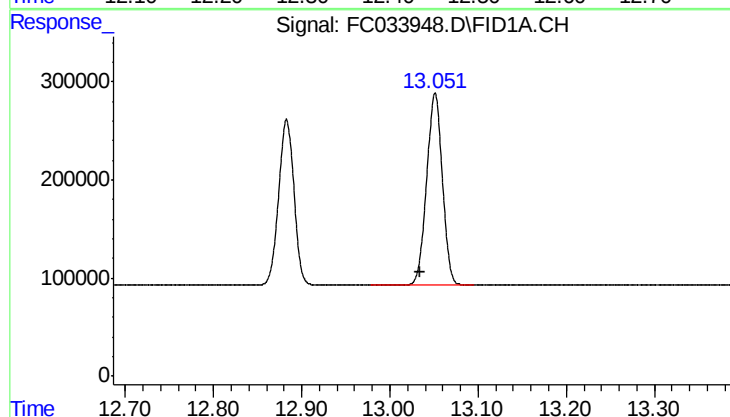
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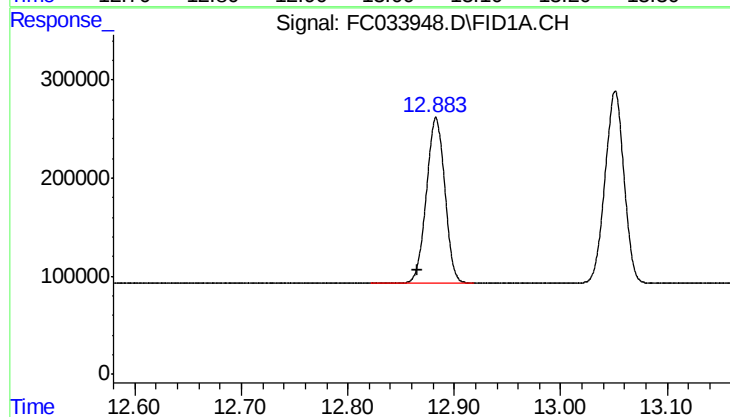
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: 0.016 min
Response: 2443113
Conc: 16.63 ug/ml



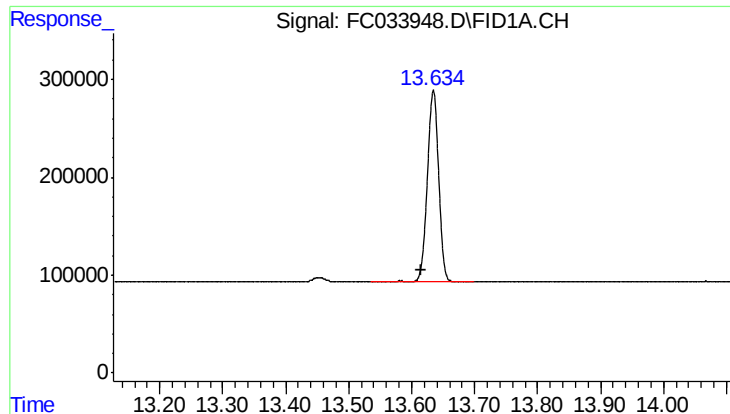
#11 n-Heneicosane (C21)

R.T.: 13.051 min
Delta R.T.: 0.017 min
Response: 2414126
Conc: 16.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.883 min
Delta R.T.: 0.018 min
Response: 2023878
Conc: 17.23 ug/ml



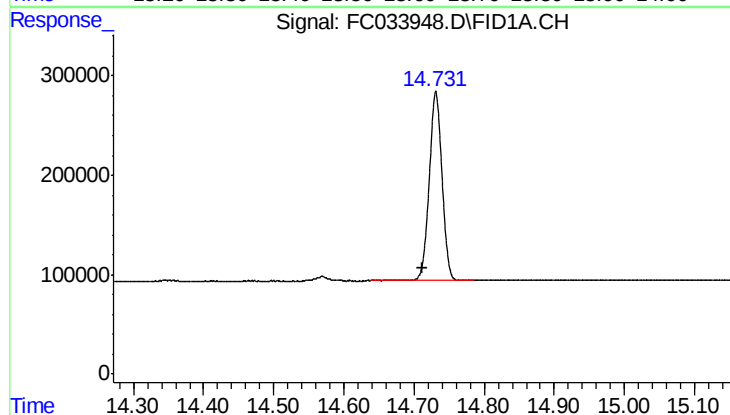
#13 n-Docosane (C22)

R.T.: 13.634 min
Delta R.T.: 0.018 min
Response: 2437271
Conc: 17.10 ug/ml

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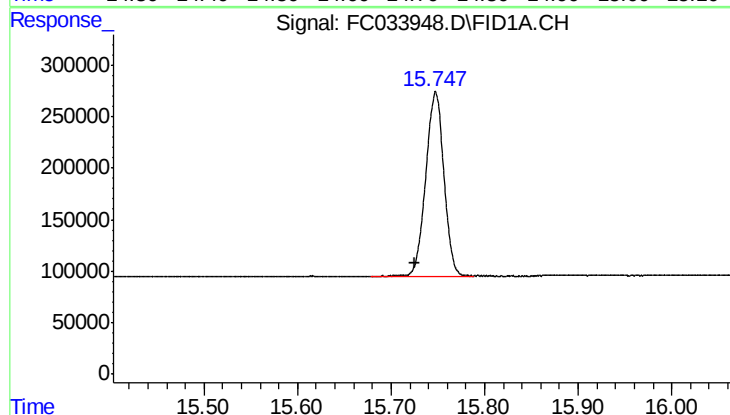
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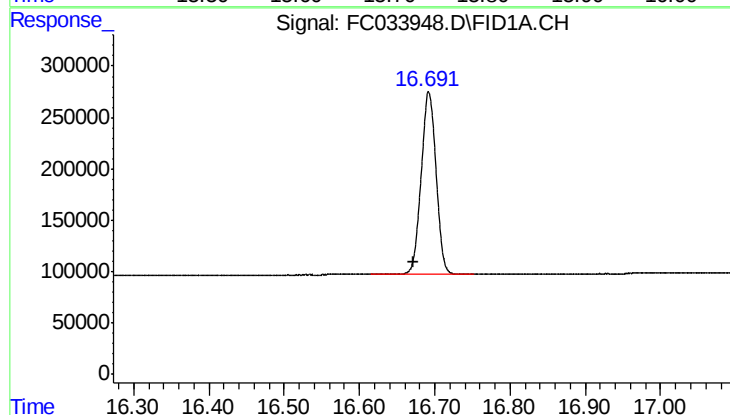
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: 0.019 min
Response: 2415196
Conc: 17.60 ug/ml



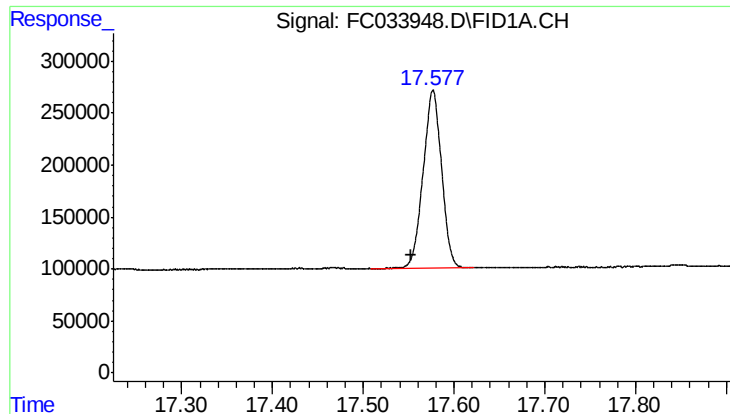
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: 0.022 min
Response: 2398224
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.692 min
Delta R.T.: 0.020 min
Response: 2440274
Conc: 19.11 ug/ml



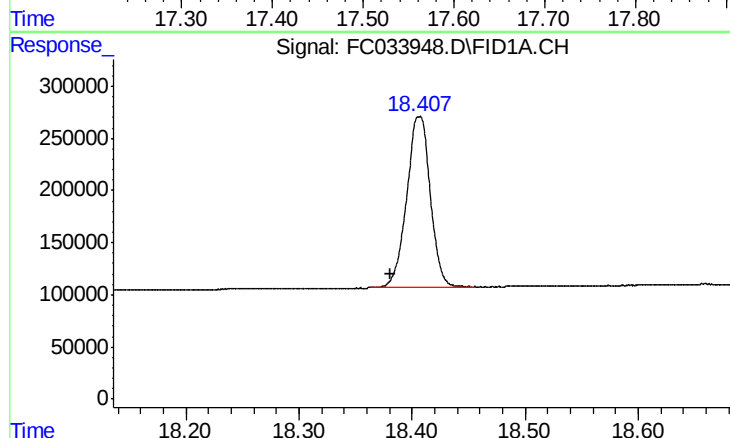
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: 0.023 min
Response: 2403814
Conc: 19.95 ug/ml

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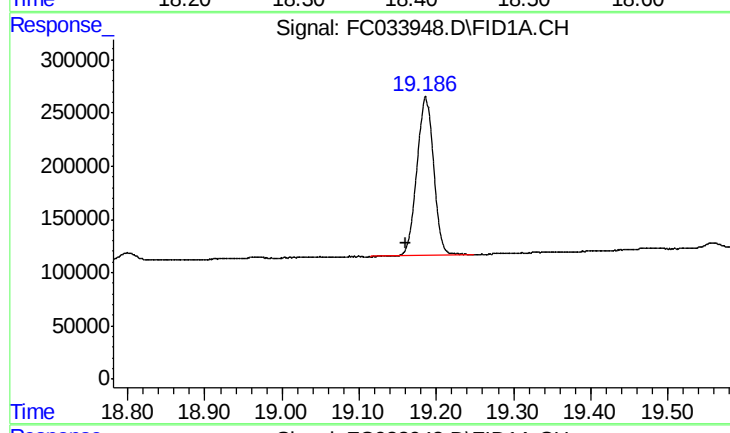
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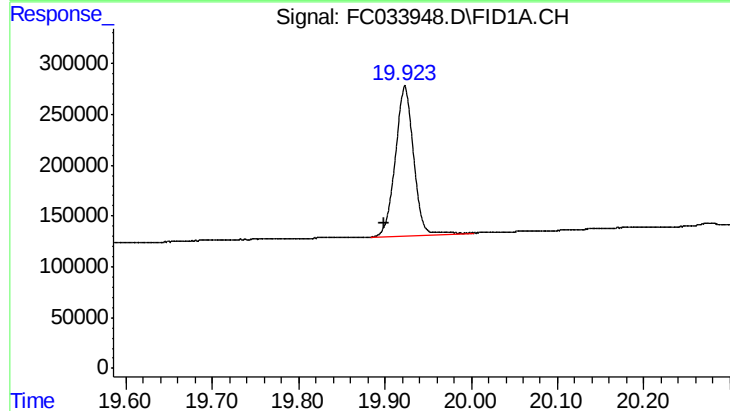
#18 n-Dotriacontane (C32)

R.T.: 18.407 min
Delta R.T.: 0.026 min
Response: 2370308
Conc: 20.36 ug/ml m



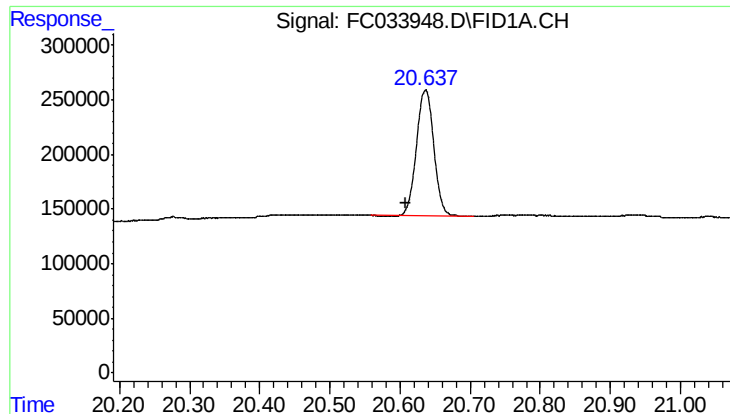
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: 0.026 min
Response: 2240441
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: 0.024 min
Response: 2146393
Conc: 21.44 ug/ml m



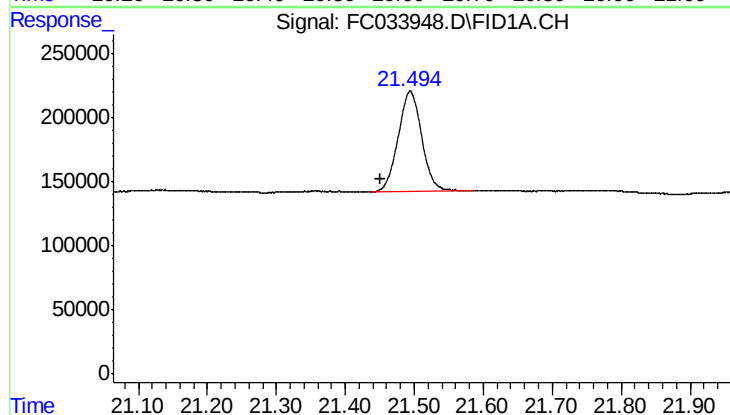
#21 n-Octatriacontane (C38)

R.T.: 20.636 min
Delta R.T.: 0.029 min
Response: 1982584
Conc: 20.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.494 min
Delta R.T.: 0.042 min
Response: 1858413
Conc: 20.71 ug/ml m