

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030954.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2019 9:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita

11/4/2019 8:43:08 AM

Integration File: autoint1.e
 Quant Time: Oct 11 03:26:14 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)	11.450	2834336	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	12.879	2123021	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.276	2639178	22.466 ug/ml
2) T n-Decane (C10)	4.332	2653188	22.598 ug/ml
3) T A~Naphthalene (C11.7)	5.903	2905716	22.270 ug/ml
4) T n-Dodecane (C12)	6.335	2701670	22.703 ug/ml
5) T A~2-methylnaphthalene...	6.952	2924681	22.186 ug/ml
6) T n-Tetradecane (C14)	8.118	2699259	22.400 ug/ml
7) T n-Hexadecane (C16)	9.708	2674831	21.872 ug/ml
8) T n-Octadecane (C18)	11.139	2634421	21.149 ug/ml
10) T n-Eicosane (C20)	12.438	2554891	20.260 ug/ml
11) T n-Heneicosane (C21)	13.045	2530278	19.790 ug/ml
13) T n-Docosane (C22)	13.626	2479530	19.355 ug/ml
14) T n-Tetracosane (C24)	14.720	2392671	18.439 ug/ml
15) T n-Hexacosane (C26)	15.733	2279750	17.556 ug/ml
16) T n-Octacosane (C28)	16.676	2204409	17.027 ug/ml
17) T n-Tricontane (C30)	17.555	2171517	16.715 ug/ml
18) T n-Dotriacontane (C32)	18.381	2104349	16.708 ug/ml
19) T n-Tetratriacontane (C34)	19.157	2086955	17.148 ug/mlm
20) T n-Hexatriacontane (C36)	19.889	2038294	17.671 ug/ml
21) T n-Octatriacontane (C38)	20.594	1974643	18.723 ug/ml
22) T n-Tetracontane (C40)	21.427	1998630	18.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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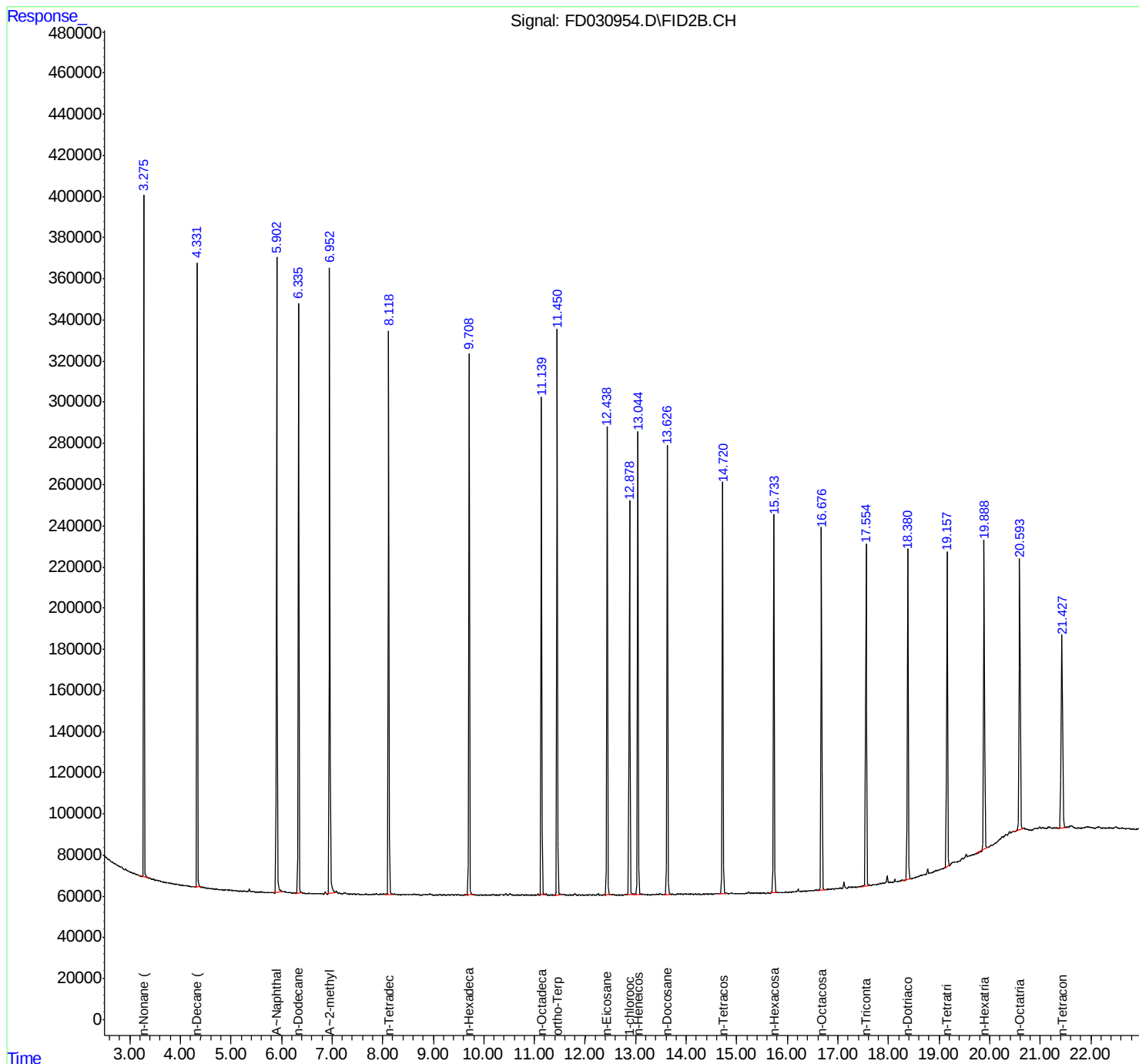
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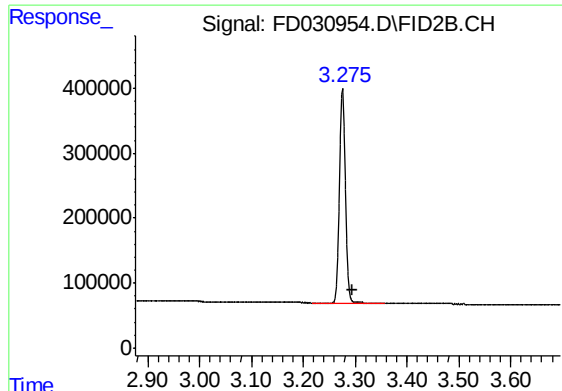
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#1 n-Nonane (C9)

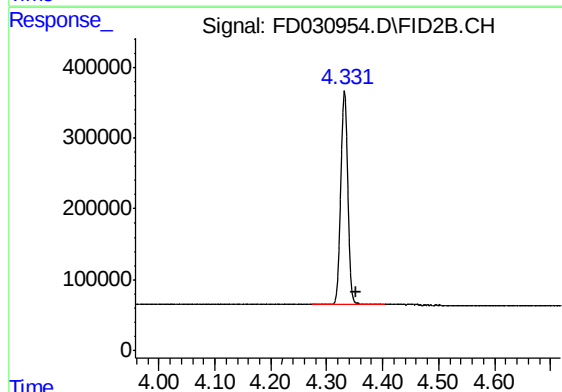
R.T.: 3.276 min
Delta R.T.: -0.019 min
Response: 2639178
Conc: 22.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

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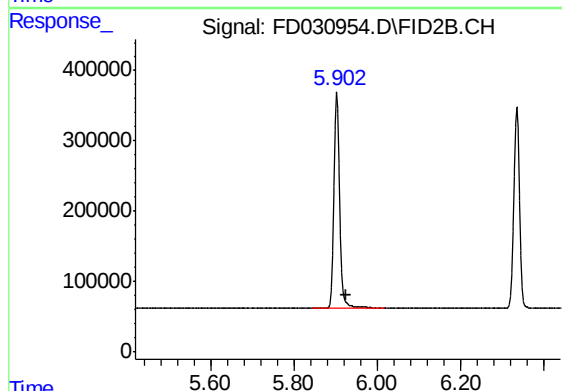
Ankita

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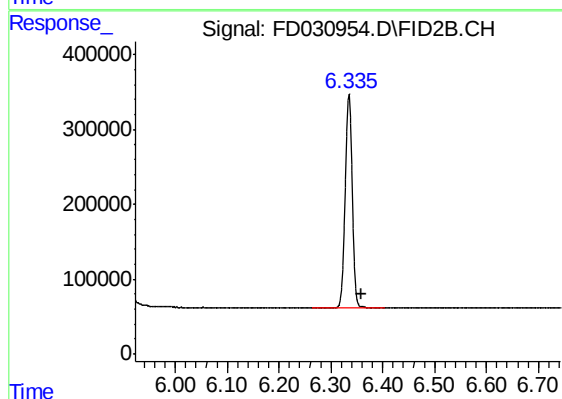
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.021 min
Response: 2653188
Conc: 22.60 ug/ml



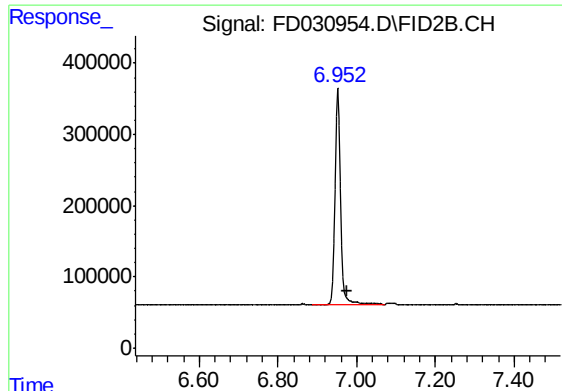
#3 A~Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.022 min
Response: 2905716
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.335 min
Delta R.T.: -0.023 min
Response: 2701670
Conc: 22.70 ug/ml



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

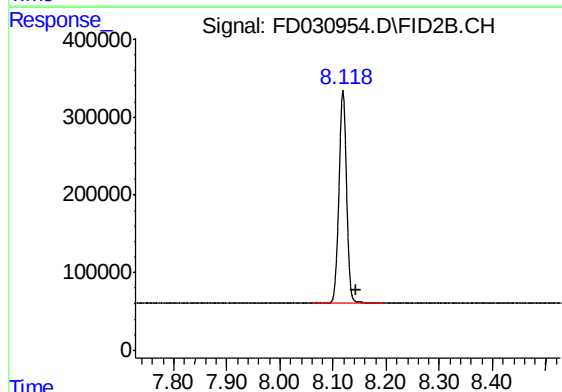
R.T.: 6.952 min
Delta R.T.: -0.025 min
Response: 2924681
Conc: 22.19 ug/ml

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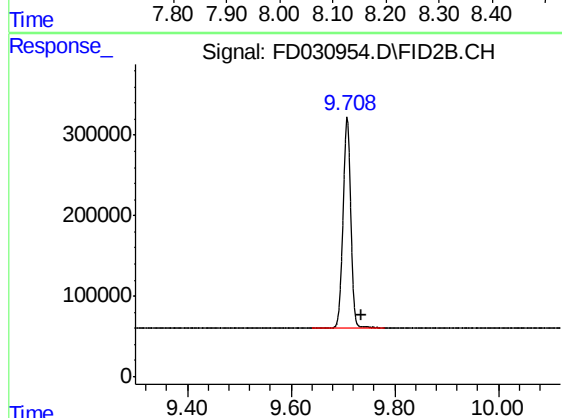
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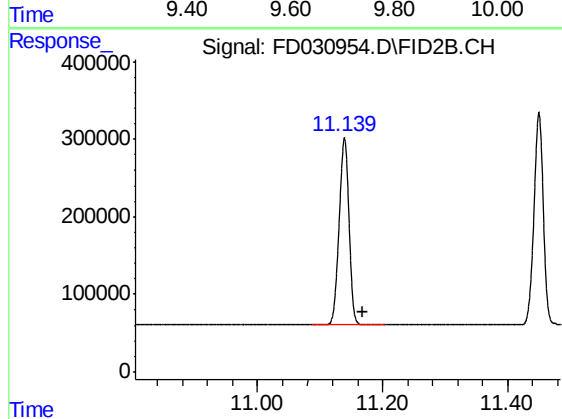
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: -0.024 min
Response: 2699259
Conc: 22.40 ug/ml



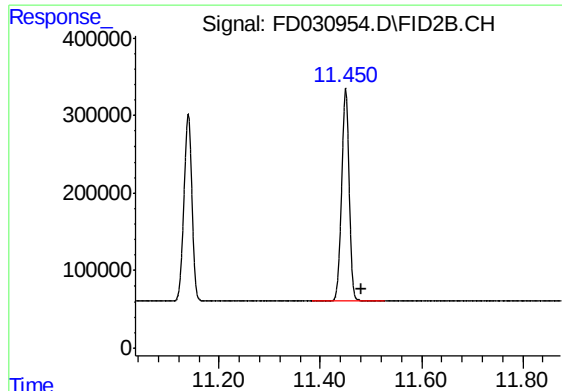
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.026 min
Response: 2674831
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.029 min
Response: 2634421
Conc: 21.15 ug/ml



#9 ortho-Terphenyl (SURR)

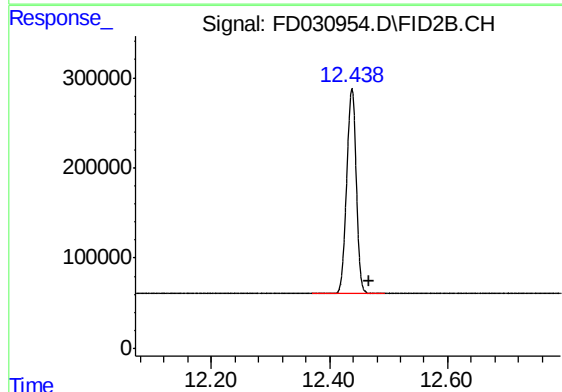
R.T.: 11.450 min
Delta R.T.: -0.032 min
Response: 2834336
Conc: 20.21 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

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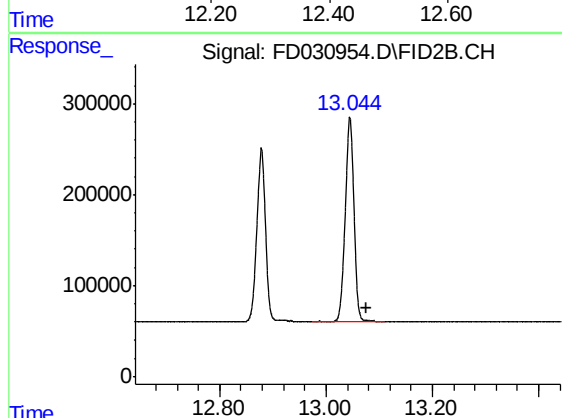
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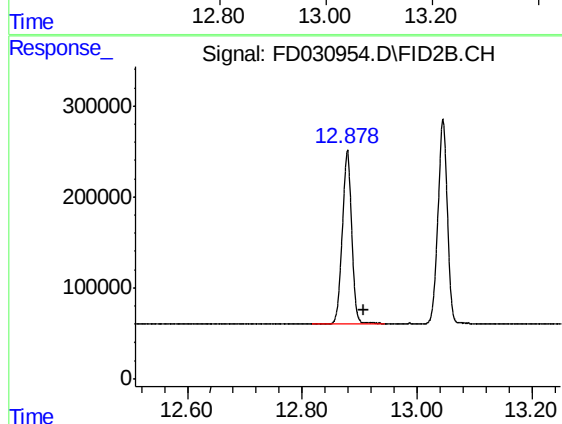
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: -0.030 min
Response: 2554891
Conc: 20.26 ug/ml



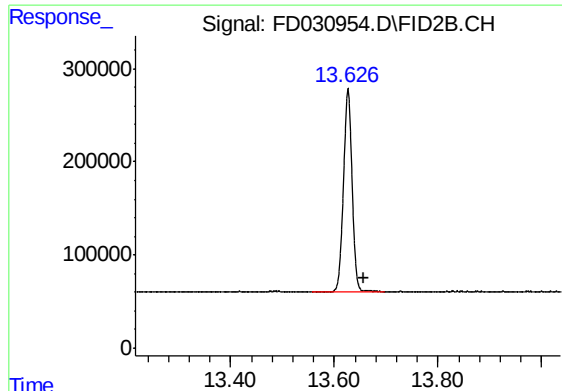
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: -0.030 min
Response: 2530278
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.879 min
Delta R.T.: -0.029 min
Response: 2123021
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

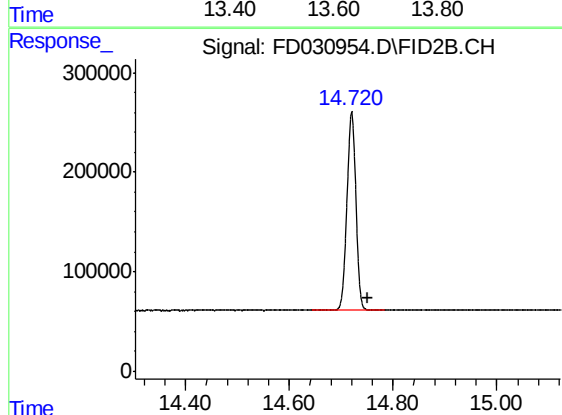
R.T.: 13.626 min
Delta R.T.: -0.031 min
Response: 2479530
Conc: 19.36 ug/ml

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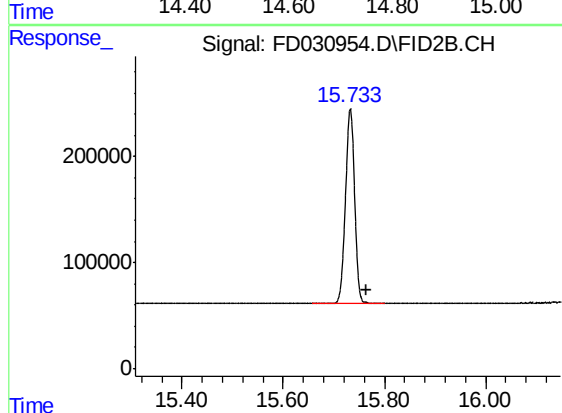
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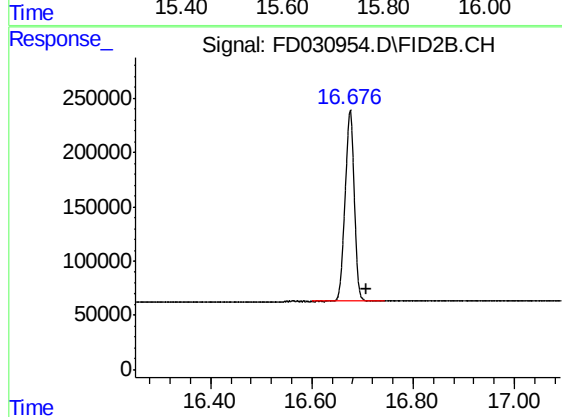
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: -0.032 min
Response: 2392671
Conc: 18.44 ug/ml



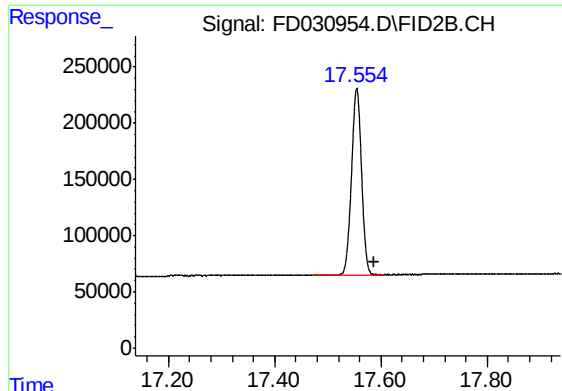
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: -0.032 min
Response: 2279750
Conc: 17.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.676 min
Delta R.T.: -0.031 min
Response: 2204409
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

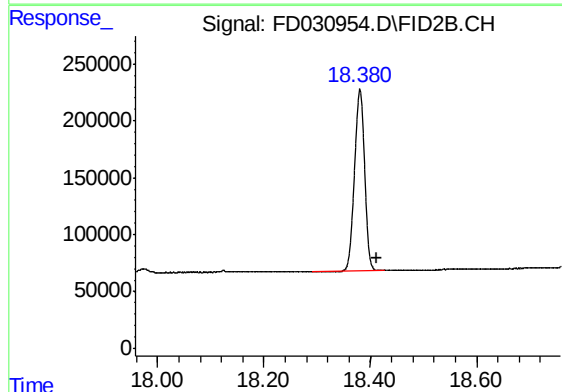
R.T.: 17.555 min
Delta R.T.: -0.032 min
Response: 2171517
Conc: 16.71 ug/ml

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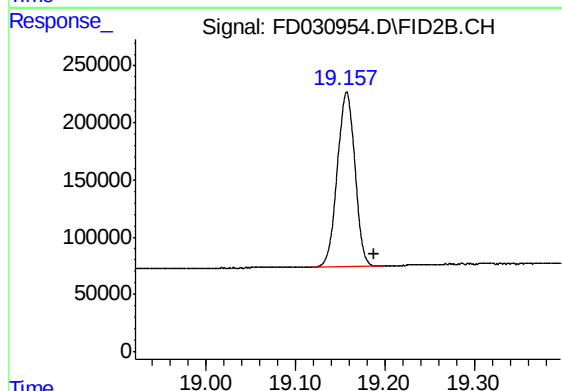
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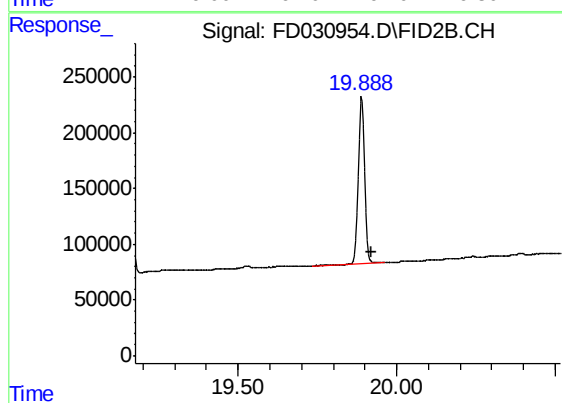
#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: -0.031 min
Response: 2104349
Conc: 16.71 ug/ml



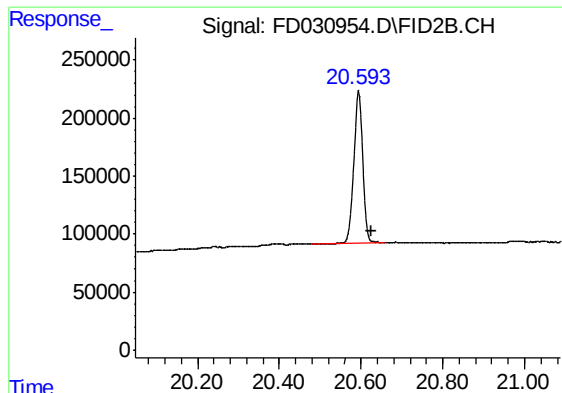
#19 n-Tetatriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.031 min
Response: 2086955
Conc: 17.15 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.889 min
Delta R.T.: -0.030 min
Response: 2038294
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

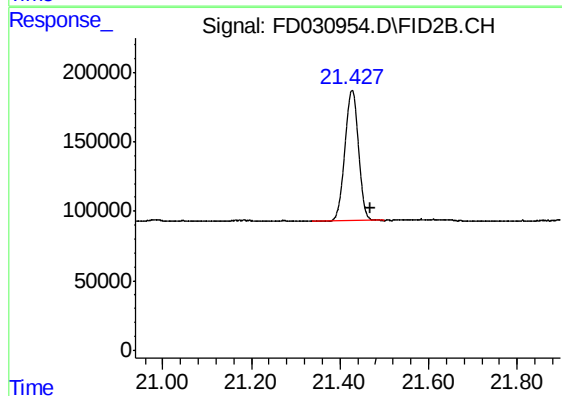
R.T.: 20.594 min
Delta R.T.: -0.032 min
Response: 1974643
Conc: 18.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: -0.042 min
Response: 1998630
Conc: 18.89 ug/ml