

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
 Data File : FD029974.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 17:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Ankita
 8/9/2019 4:03:42 PM

Integration File: autoint1.e
 Quant Time: Aug 08 18:00:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.569	2564588	18.658 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.994	2130922	18.683 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.367	2231743	18.649 ug/ml
2) T n-Decane (C10)	4.429	2259468	18.579 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2566636	18.643 ug/ml
4) T n-Dodecane (C12)	6.438	2266322	18.586 ug/ml
5) T A~2-methylnaphthalene...	7.059	2585167	18.692 ug/ml
6) T n-Tetradecane (C14)	8.224	2290010	18.566 ug/ml
7) T n-Hexadecane (C16)	9.817	2325278	18.622 ug/ml
8) T n-Octadecane (C18)	11.251	2374917	18.576 ug/ml
10) T n-Eicosane (C20)	12.552	2428213	18.703 ug/ml
11) T n-Heneicosane (C21)	13.160	2433334	18.736 ug/ml
13) T n-Docosane (C22)	13.742	2445276	18.727 ug/ml
14) T n-Tetracosane (C24)	14.837	2467545	18.800 ug/ml
15) T n-Hexacosane (C26)	15.850	2434772	18.877 ug/ml
16) T n-Octacosane (C28)	16.794	2402023	18.931 ug/ml
17) T n-Tricontane (C30)	17.674	2298809	18.970 ug/ml
18) T n-Dotriacontane (C32)	18.499	2165327	19.311 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1673093	18.870 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1452802	19.548 ug/ml
21) T n-Octatriacontane (C38)	20.725	1250937	18.793 ug/ml
22) T n-Tetracontane (C40)	21.598	1397932	19.791 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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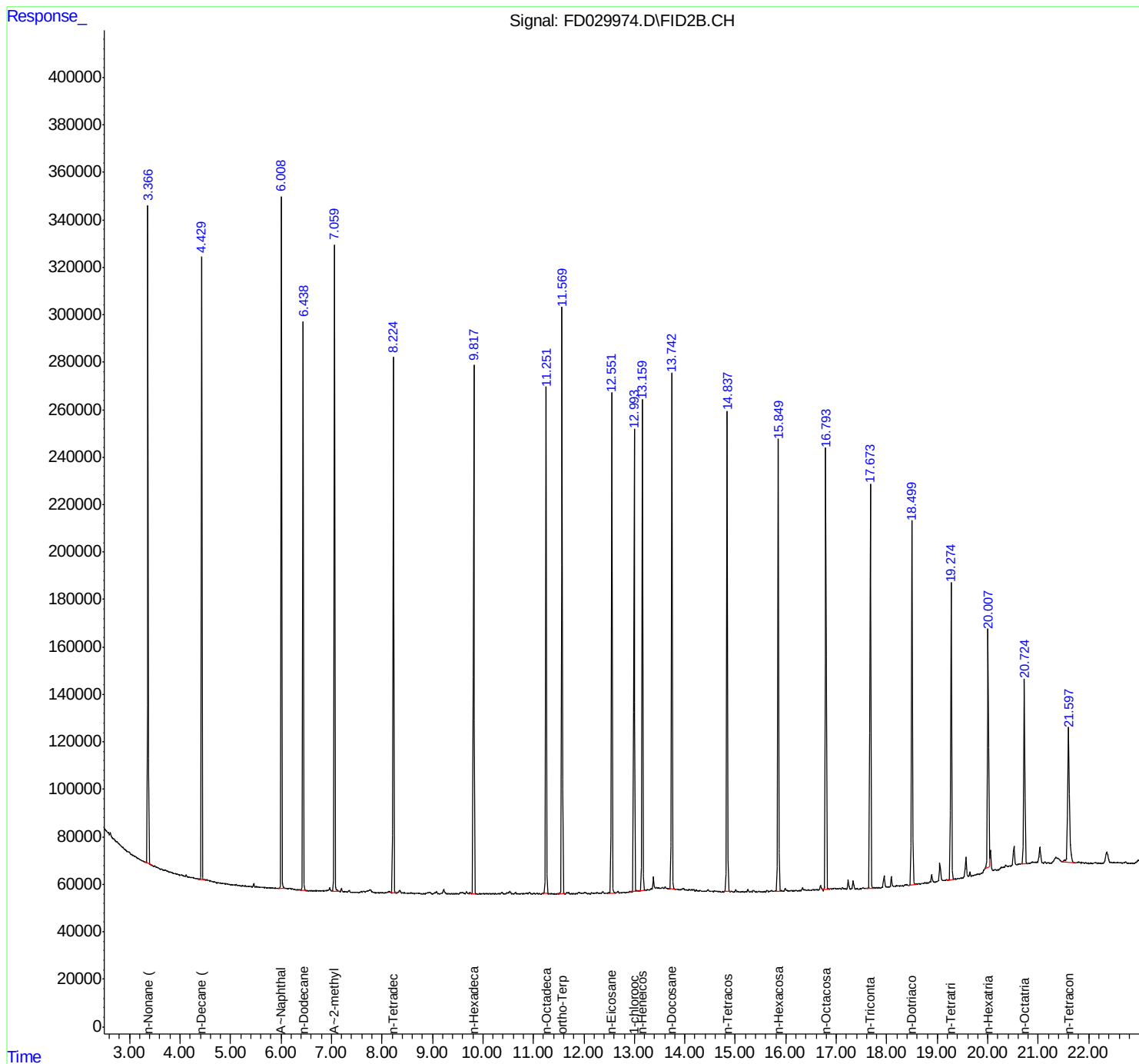
Instrument :
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20 PPM ALIPHATIC HC STD ICV

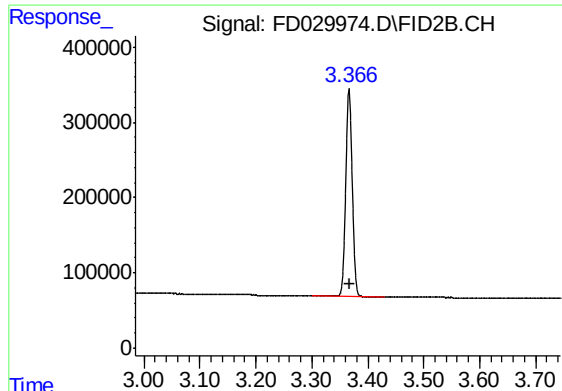
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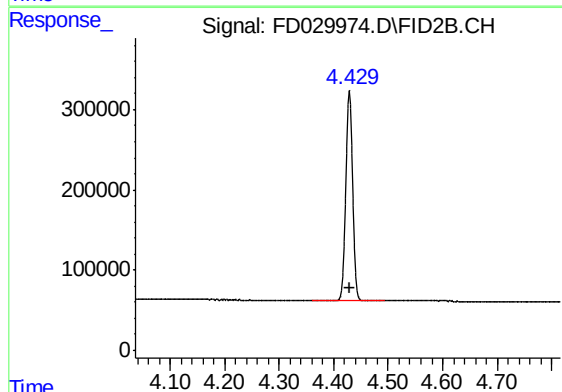
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 2231743
Conc: 18.65 ug/ml

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20 PPM ALIPHATIC HC STD ICV

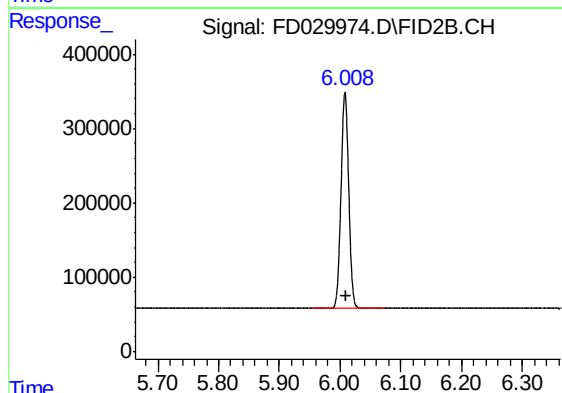
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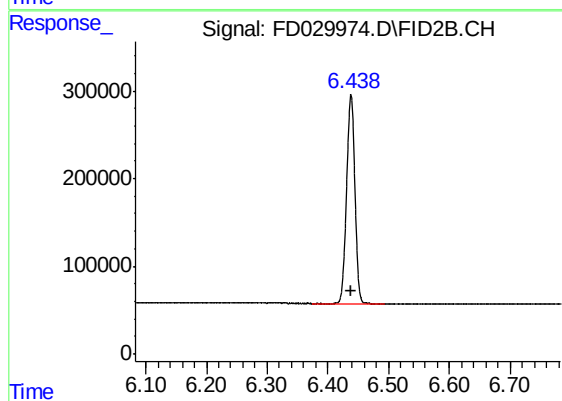
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 2259468
Conc: 18.58 ug/ml



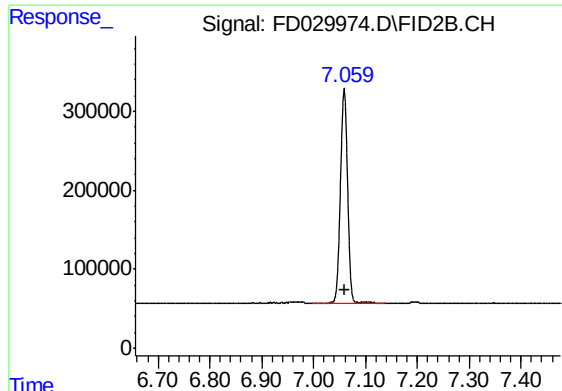
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 2566636
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 2266322
Conc: 18.59 ug/ml



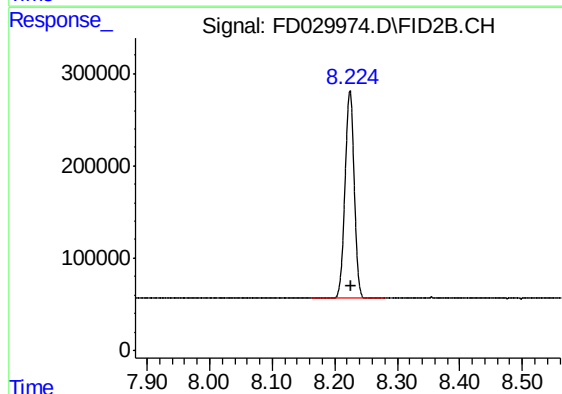
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 2585167
Conc: 18.69 ug/ml

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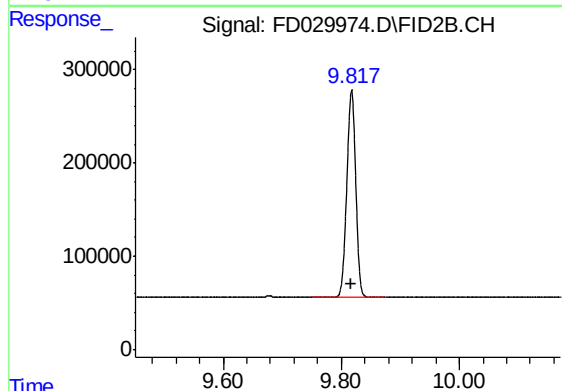
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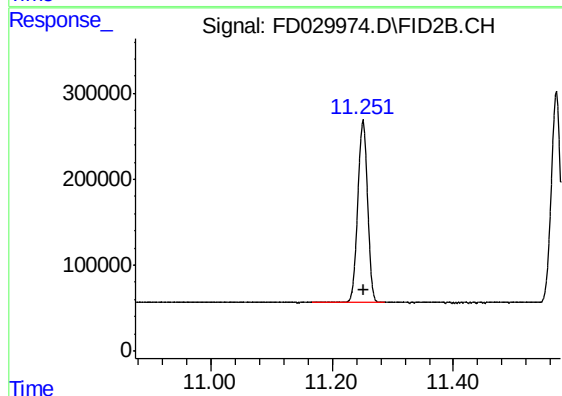
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 2290010
Conc: 18.57 ug/ml



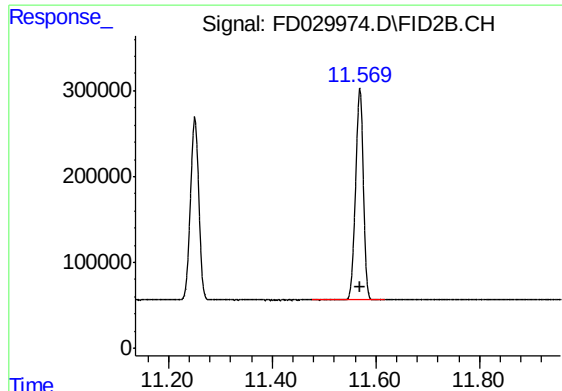
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: 0.000 min
Response: 2325278
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: 0.000 min
Response: 2374917
Conc: 18.58 ug/ml



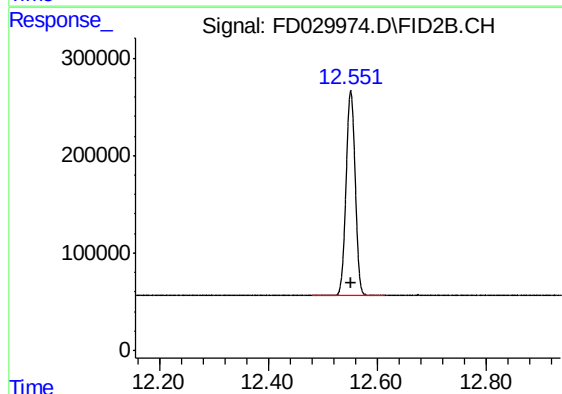
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2564588
Conc: 18.66 ug/ml

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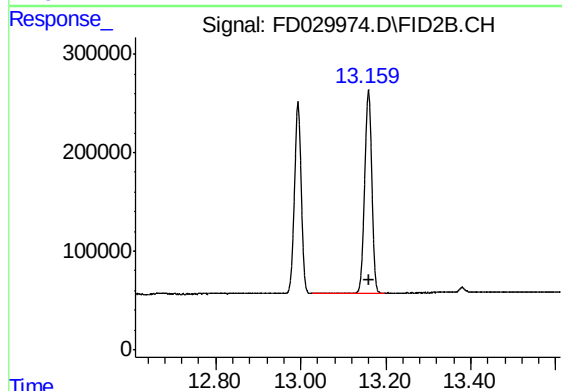
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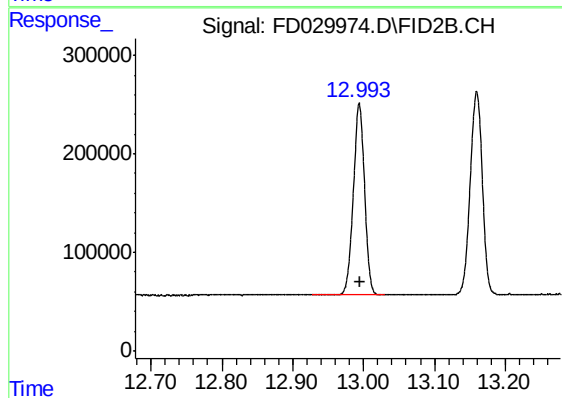
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.001 min
Response: 2428213
Conc: 18.70 ug/ml



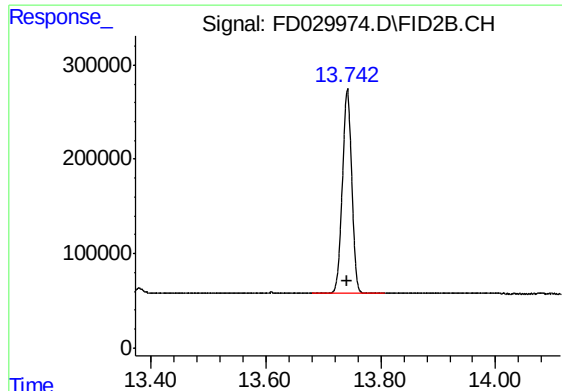
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.000 min
Response: 2433334
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 2130922
Conc: 18.68 ug/ml



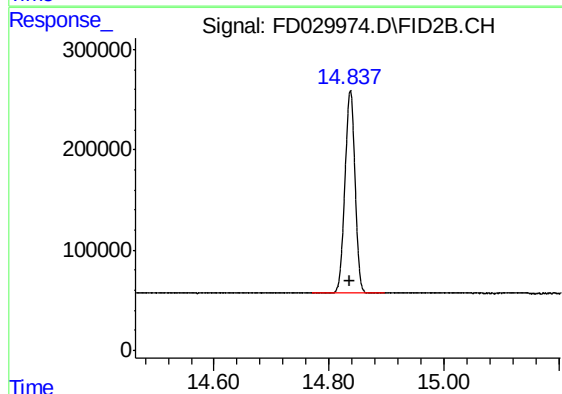
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: 0.000 min
Response: 2445276
Conc: 18.73 ug/ml

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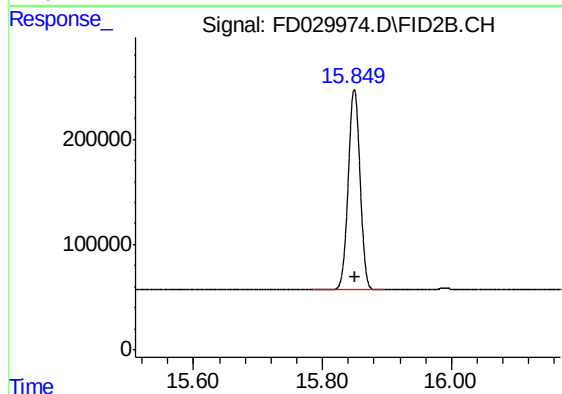
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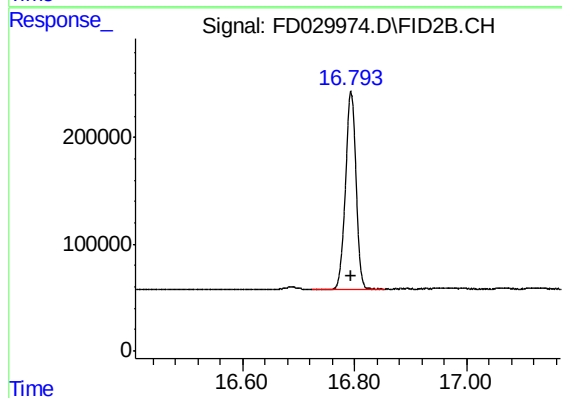
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 2467545
Conc: 18.80 ug/ml



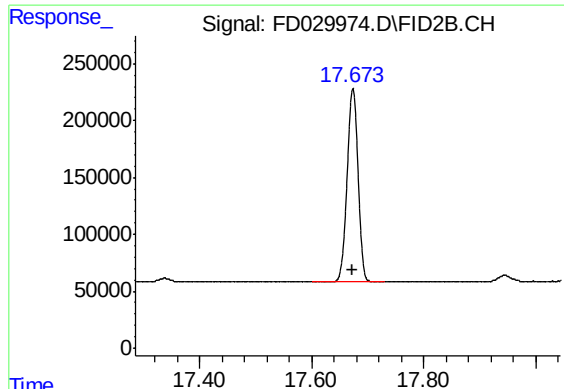
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.000 min
Response: 2434772
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: 0.000 min
Response: 2402023
Conc: 18.93 ug/ml



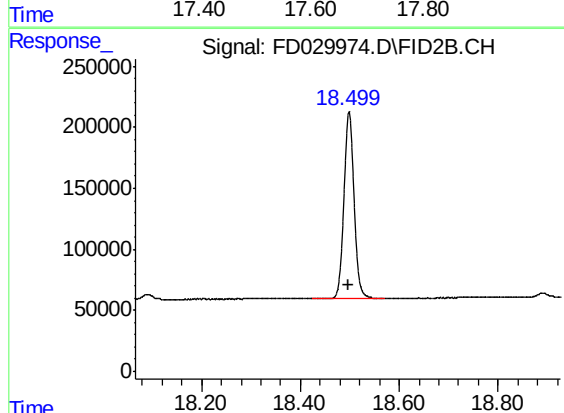
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: 0.001 min
Response: 2298809
Conc: 18.97 ug/ml

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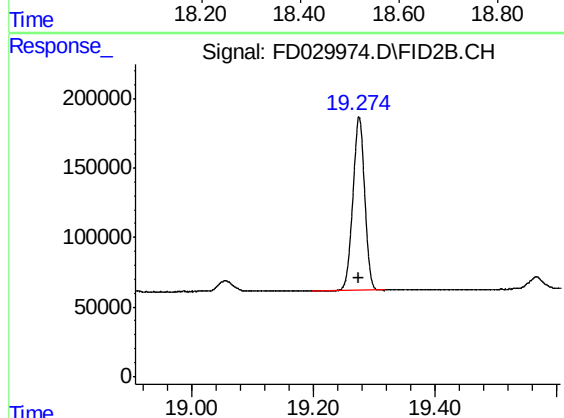
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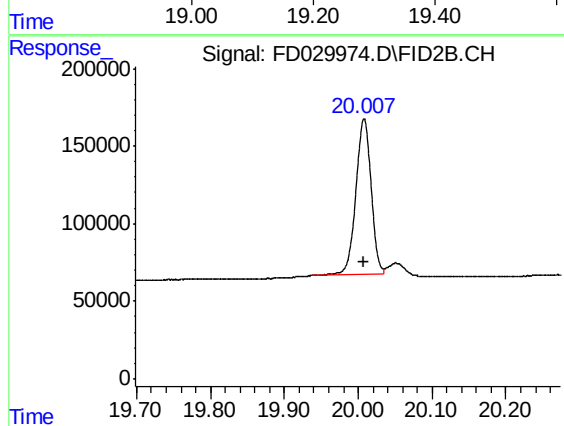
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 2165327
Conc: 19.31 ug/ml



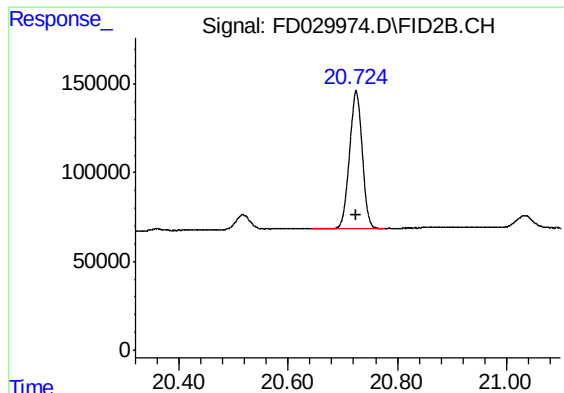
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1673093
Conc: 18.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 1452802
Conc: 19.55 ug/ml m



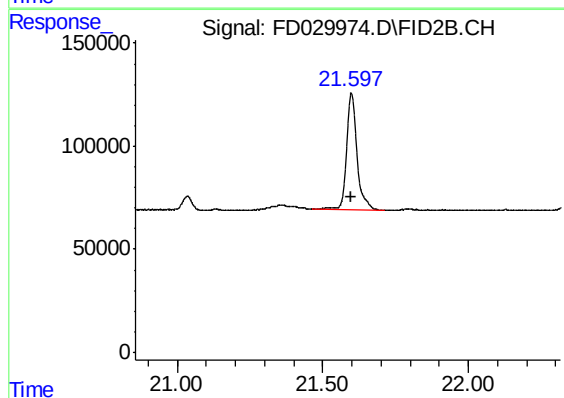
#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.000 min
Response: 1250937
Conc: 18.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.000 min
Response: 1397932
Conc: 19.79 ug/ml