

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AL\
 Data File : FD029976.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 19:24
 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
 8/9/2019 4:03:44 PM

Integration File: autoint1.e
 Quant Time: Aug 09 05:01:26 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	2567705	18.680 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	12.994	2140962	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.368	2238421	18.705 ug/ml
2) T n-Decane (C10)	4.430	2270434	18.669 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2571616	18.679 ug/ml
4) T n-Dodecane (C12)	6.438	2272138	18.633 ug/ml
5) T A~2-methylnaphthalene...	7.059	2586473	18.701 ug/ml
6) T n-Tetradecane (C14)	8.224	2315121	18.769 ug/ml
7) T n-Hexadecane (C16)	9.817	2332001	18.676 ug/ml
8) T n-Octadecane (C18)	11.251	2389482	18.690 ug/ml
10) T n-Eicosane (C20)	12.552	2433326	18.742 ug/ml
11) T n-Heneicosane (C21)	13.160	2436304	18.759 ug/ml
13) T n-Docosane (C22)	13.742	2452129	18.780 ug/ml
14) T n-Tetracosane (C24)	14.837	2471522	18.831 ug/ml
15) T n-Hexacosane (C26)	15.851	2441802	18.932 ug/ml
16) T n-Octacosane (C28)	16.793	2401974	18.931 ug/ml
17) T n-Tricontane (C30)	17.673	2293729	18.928 ug/ml
18) T n-Dotriacontane (C32)	18.499	2081460	18.563 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1675207	18.894 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1443917	19.428 ug/mlm
21) T n-Octatriacontane (C38)	20.724	1255314	18.859 ug/ml
22) T n-Tetracontane (C40)	21.599	1334043	18.886 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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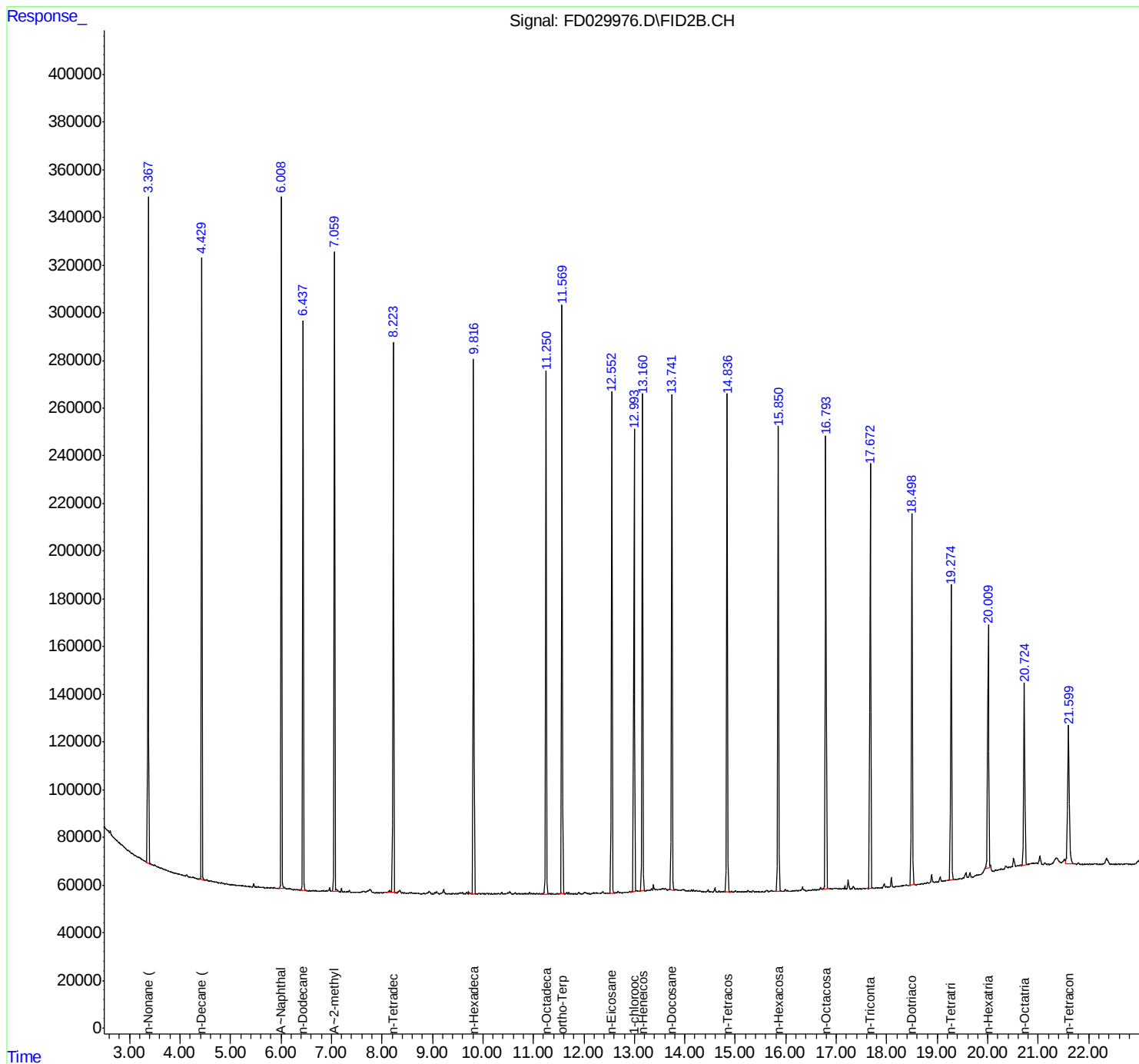
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20 PPM ALIPHATIC HC STD

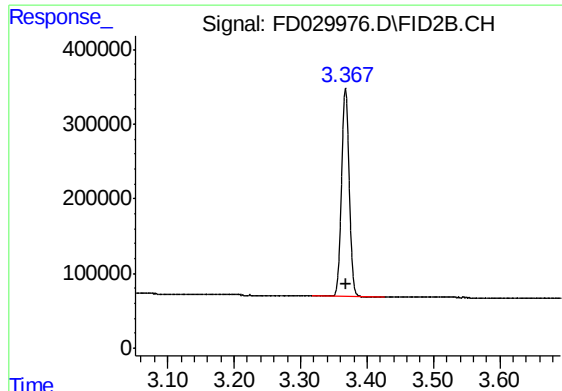
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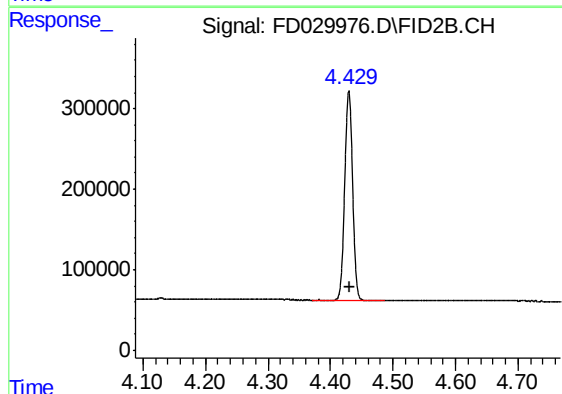
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.001 min
Response: 2238421
Conc: 18.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

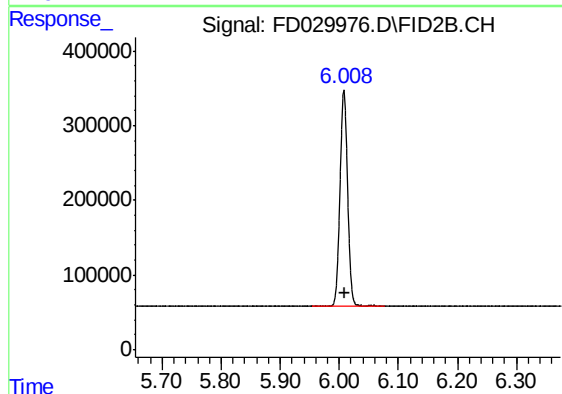
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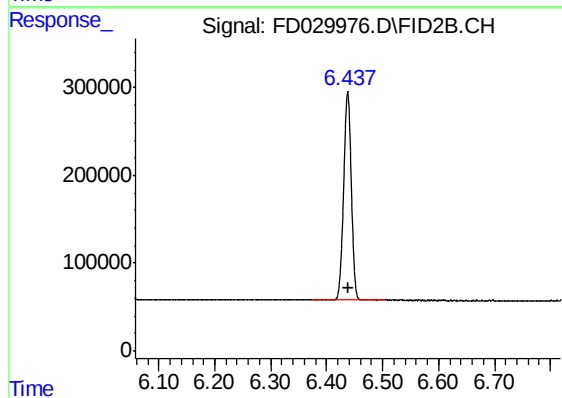
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.001 min
Response: 2270434
Conc: 18.67 ug/ml



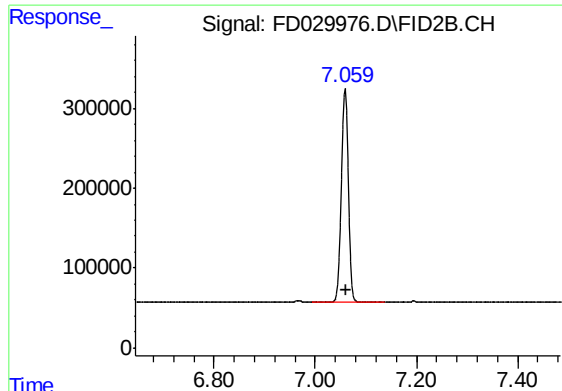
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 2571616
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 2272138
Conc: 18.63 ug/ml



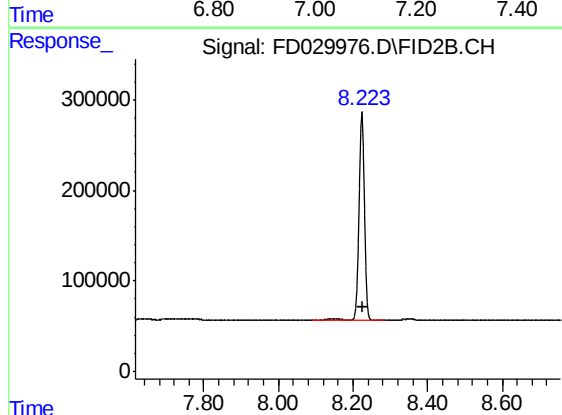
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 2586473
Conc: 18.70 ug/ml

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20 PPM ALIPHATIC HC STD

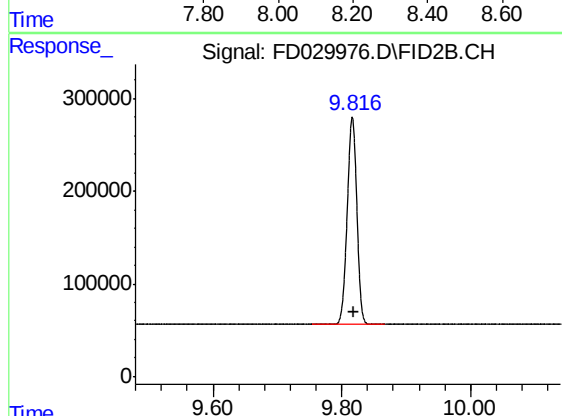
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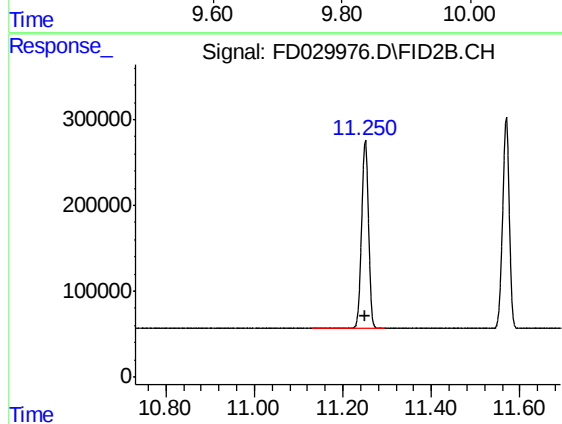
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 2315121
Conc: 18.77 ug/ml



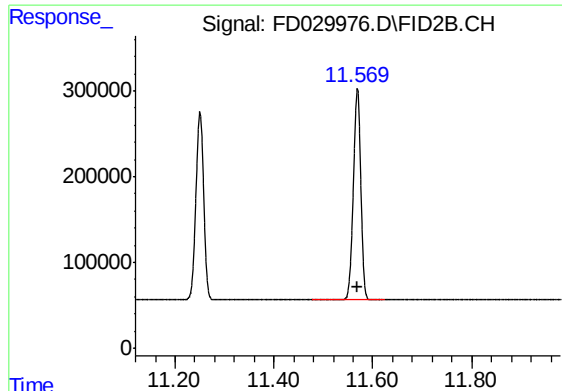
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.001 min
Response: 2332001
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.001 min
Response: 2389482
Conc: 18.69 ug/ml



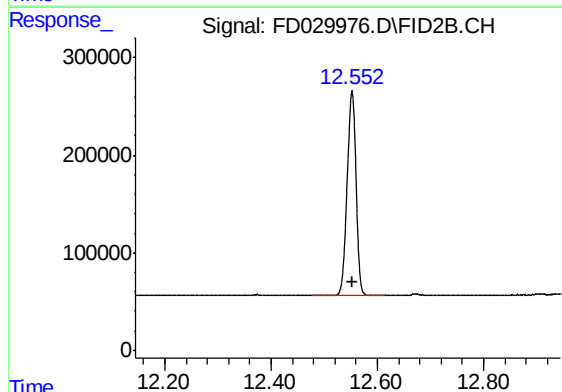
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2567705
Conc: 18.68 ug/ml

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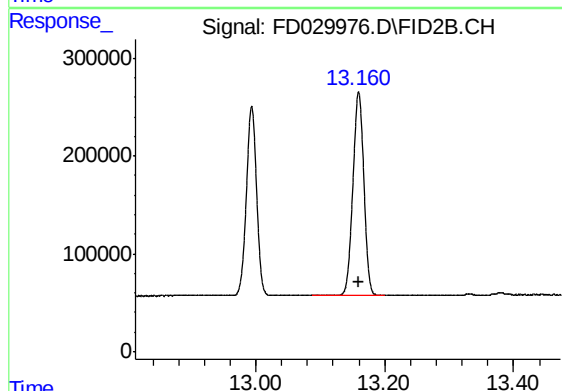
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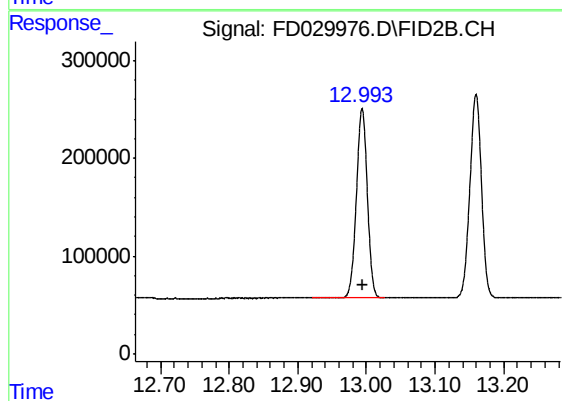
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 2433326
Conc: 18.74 ug/ml



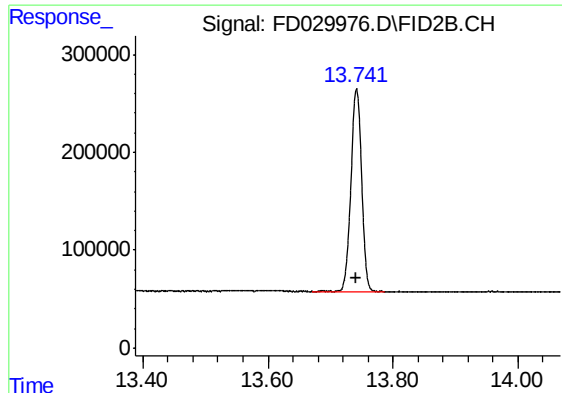
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.000 min
Response: 2436304
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 2140962
Conc: 18.77 ug/ml



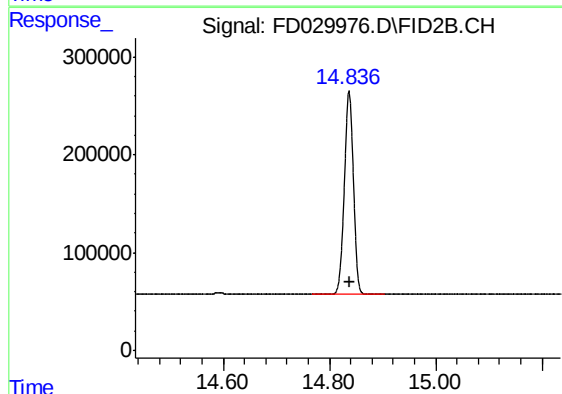
#13 n-Docosane (C22)

R.T.: 13.742 min
Delta R.T.: 0.000 min
Response: 2452129
Conc: 18.78 ug/ml

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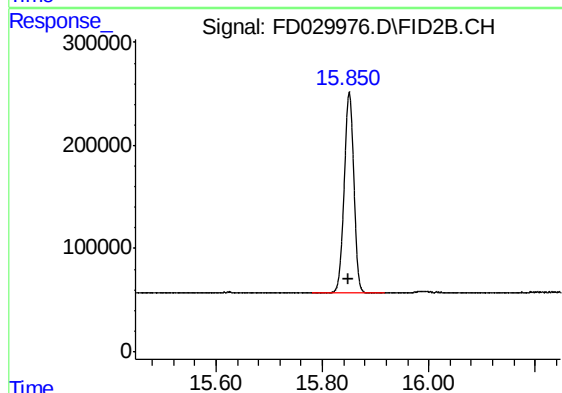
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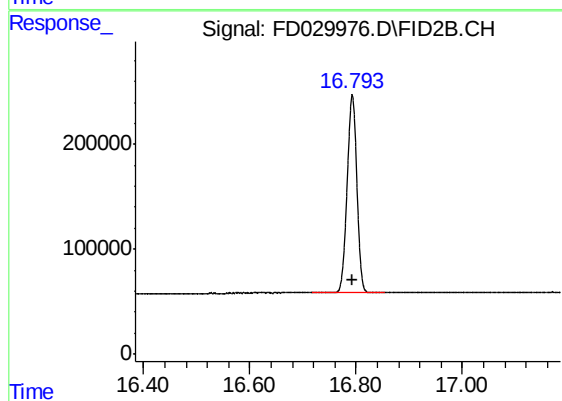
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 2471522
Conc: 18.83 ug/ml



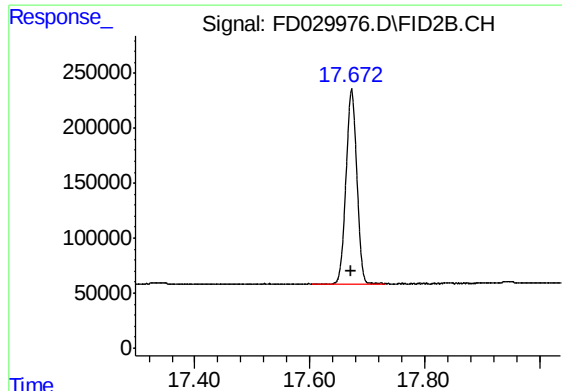
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: 0.000 min
Response: 2441802
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 2401974
Conc: 18.93 ug/ml



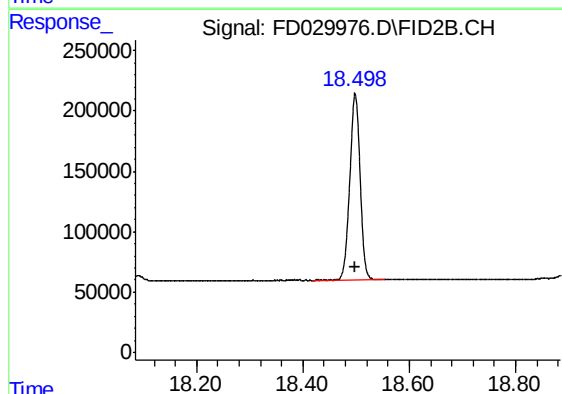
#17 n-Tricontane (C30)

R.T.: 17.673 min
Delta R.T.: 0.000 min
Response: 2293729
Conc: 18.93 ug/ml

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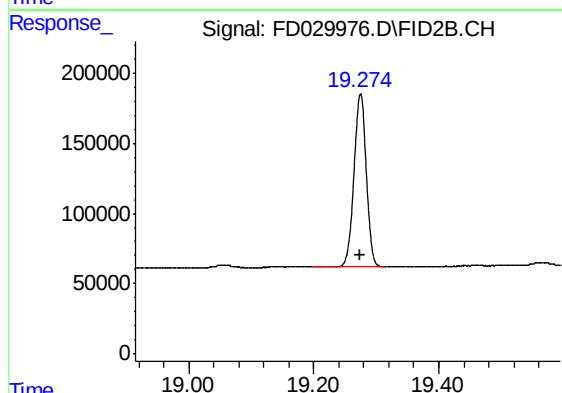
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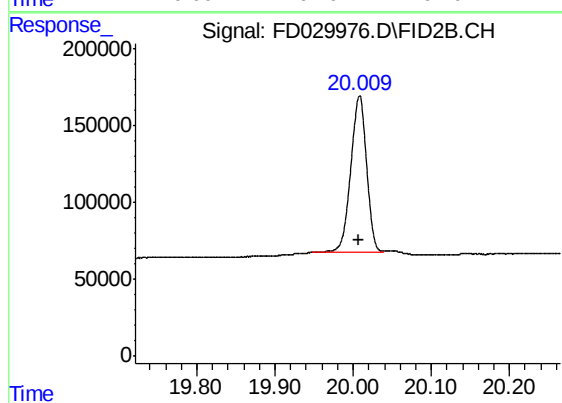
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 2081460
Conc: 18.56 ug/ml



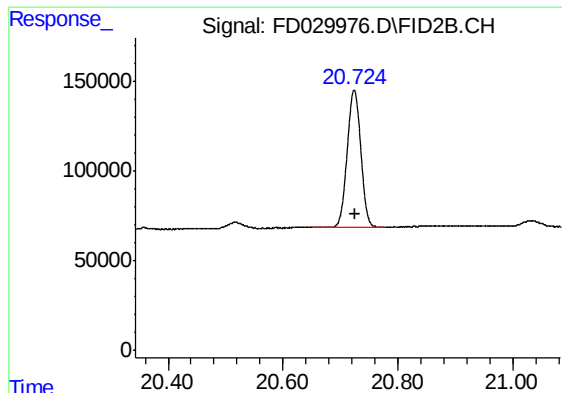
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1675207
Conc: 18.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: 0.001 min
Response: 1443917
Conc: 19.43 ug/ml m



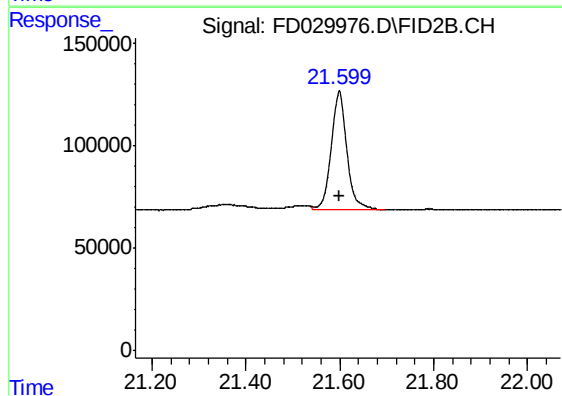
#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 1255314
Conc: 18.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.000 min
Response: 1334043
Conc: 18.89 ug/ml m