

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022122AL\
 Data File : FD041220.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2022 18:19
 Operator : YP\AJ
 Sample : N1589-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 350MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File: autoint1.e
 Quant Time: Feb 22 02:18:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.230	1423269	50.923 ug/ml
Spiked Amount 50.000		Recovery =	101.85%
12) S 1-chlorooctadecane (S...	12.671	1015893	48.526 ug/ml
Spiked Amount 50.000		Recovery =	97.05%
Target Compounds			
1) T n-Nonane (C9)	3.080	1231097	54.659 ug/ml
2) T n-Decane (C10)	4.136	1405771	62.462 ug/ml
3) T A~Naphthalene (C11.7)	5.691	1662917	74.834 ug/ml
4) T n-Dodecane (C12)	6.138	1617367	70.441 ug/ml
5) T A~2-methylnaphthalene...	6.736	1734319	80.737 ug/ml
6) T n-Tetradecane (C14)	7.915	1885151	80.053 ug/ml
7) T n-Hexadecane (C16)	9.502	2030285	84.447 ug/ml
8) T n-Octadecane (C18)	10.934	2073755	82.638 ug/ml
10) T n-Eicosane (C20)	12.235	1942540	77.560 ug/ml
11) T n-Heneicosane (C21)	12.842	1931788	76.068 ug/ml
13) T n-Docosane (C22)	13.425	1889701	75.497 ug/ml
14) T n-Tetracosane (C24)	14.520	1838044	74.008 ug/ml
15) T n-Hexacosane (C26)	15.536	1761230	72.650 ug/ml
16) T n-Octacosane (C28)	16.479	1751420	72.736 ug/ml
17) T n-Tricontane (C30)	17.362	1683040	70.632 ug/ml
18) T n-Dotriacontane (C32)	18.190	1650088	73.571 ug/ml
19) T n-Tetratriacontane (C34)	18.969	1677039	77.821 ug/ml
20) T n-Hexatriacontane (C36)	19.706	1670984	84.041 ug/ml
21) T n-Octatriacontane (C38)	20.405	1661404	87.692 ug/ml
22) T n-Tetracontane (C40)	21.184	1697915	87.720 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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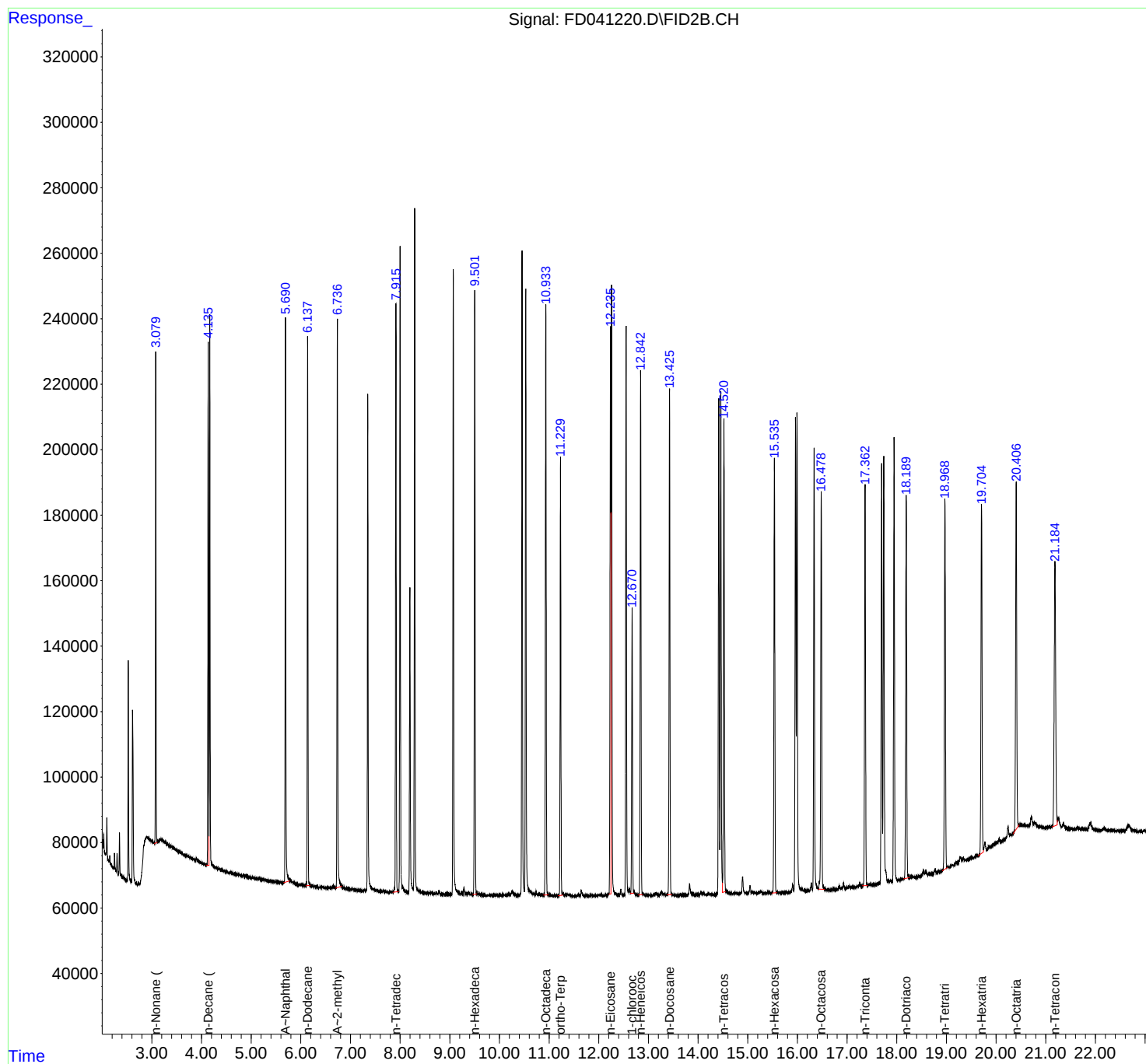
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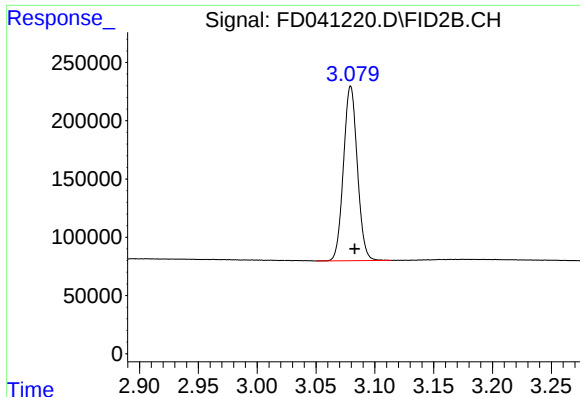
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#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 1231097
Conc: 54.66 ug/ml

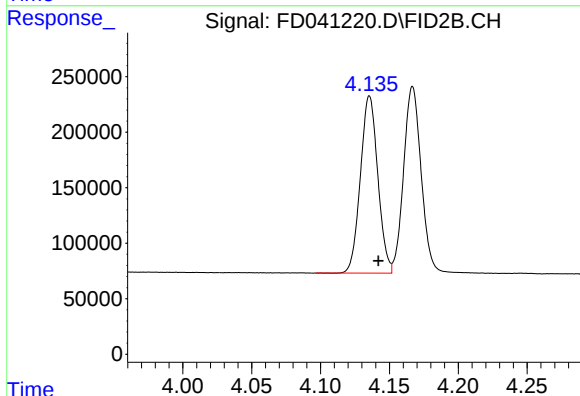
Instrument :

FID_D

ClientSampleId :
350MS

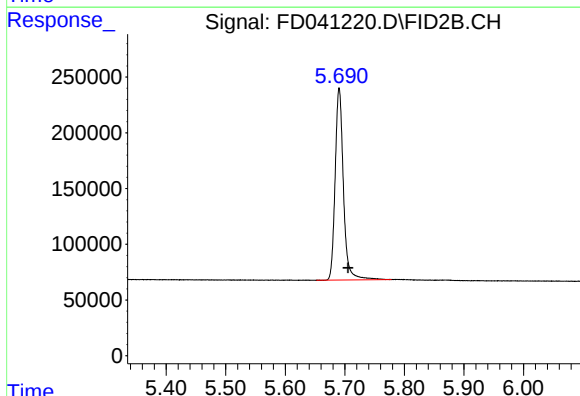
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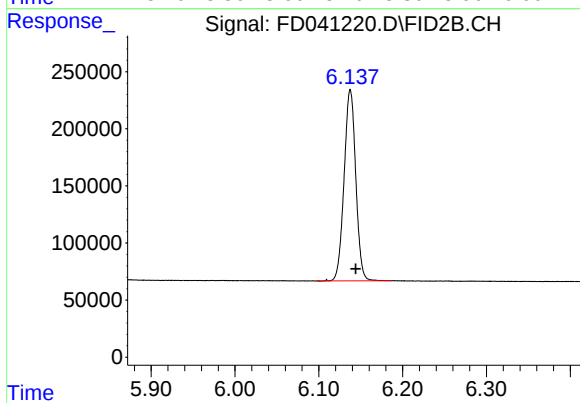
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: -0.006 min
Response: 1405771
Conc: 62.46 ug/ml



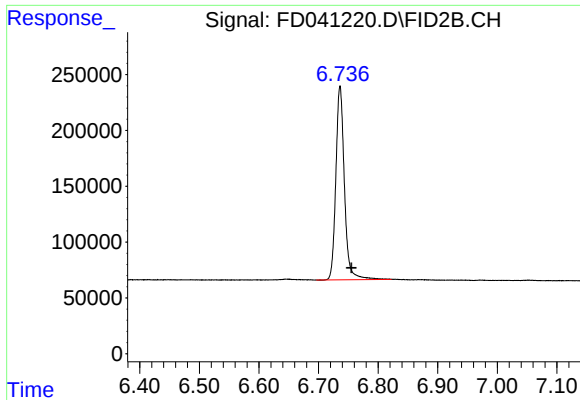
#3 A~Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.015 min
Response: 1662917
Conc: 74.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.138 min
Delta R.T.: -0.006 min
Response: 1617367
Conc: 70.44 ug/ml



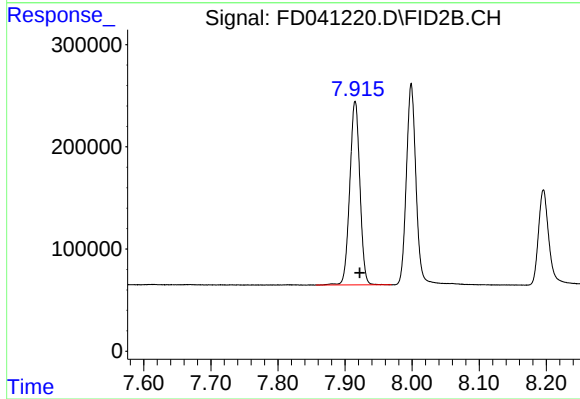
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.019 min
Response: 1734319
Conc: 80.74 ug/ml

Instrument :
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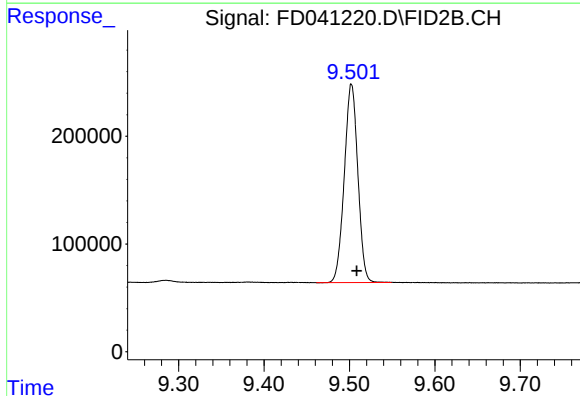
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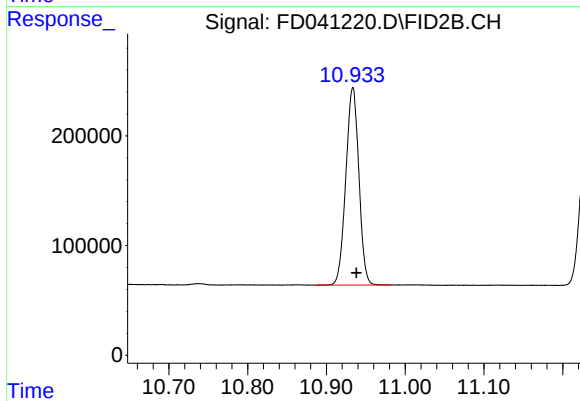
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: -0.007 min
Response: 1885151
Conc: 80.05 ug/ml



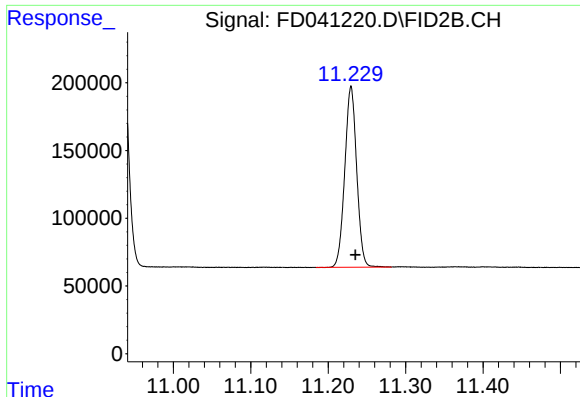
#7 n-Hexadecane (C16)

R.T.: 9.502 min
Delta R.T.: -0.006 min
Response: 2030285
Conc: 84.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.934 min
Delta R.T.: -0.005 min
Response: 2073755
Conc: 82.64 ug/ml



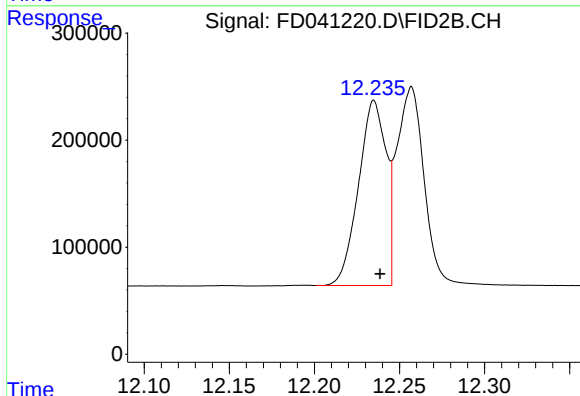
#9 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: -0.006 min
Response: 1423269
Conc: 50.92 ug/ml

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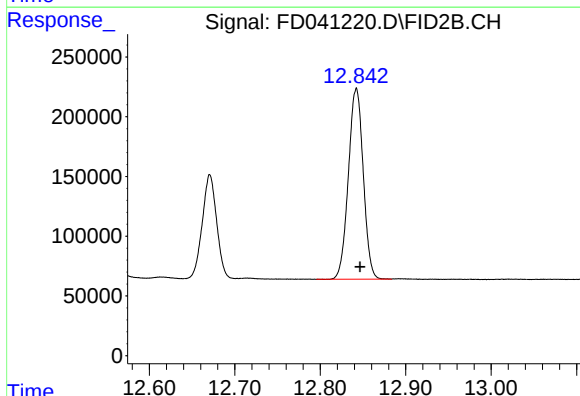
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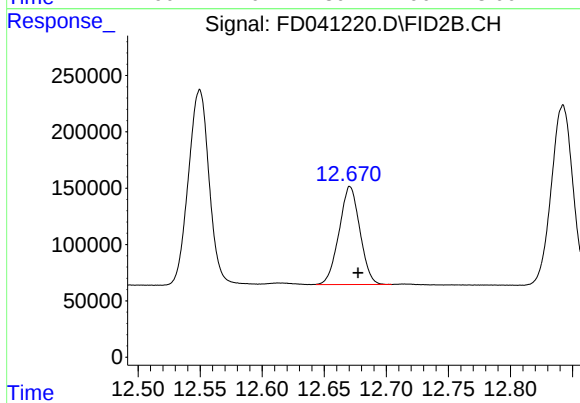
#10 n-Eicosane (C20)

R.T.: 12.235 min
Delta R.T.: -0.004 min
Response: 1942540
Conc: 77.56 ug/ml



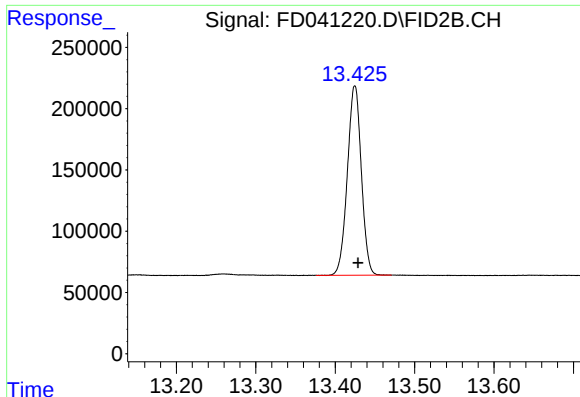
#11 n-Heneicosane (C21)

R.T.: 12.842 min
Delta R.T.: -0.004 min
Response: 1931788
Conc: 76.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.671 min
Delta R.T.: -0.006 min
Response: 1015893
Conc: 48.53 ug/ml



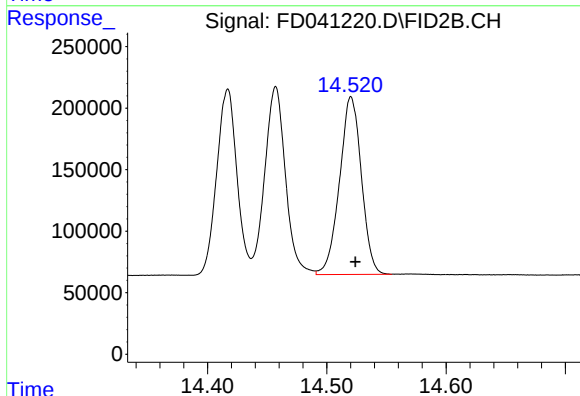
#13 n-Docosane (C22)

R.T.: 13.425 min
Delta R.T.: -0.004 min
Response: 1889701
Conc: 75.50 ug/ml

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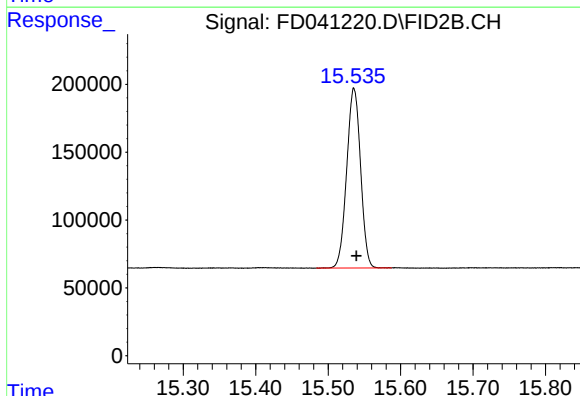
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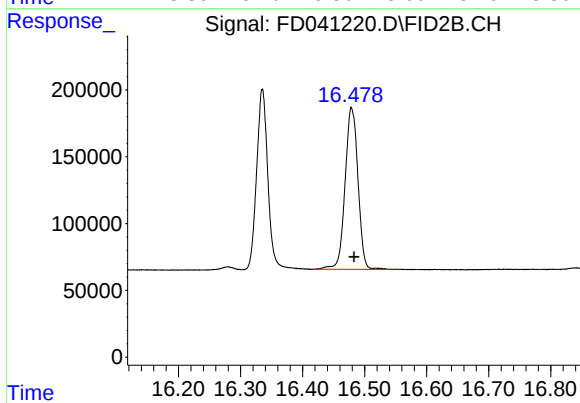
#14 n-Tetracosane (C24)

R.T.: 14.520 min
Delta R.T.: -0.004 min
Response: 1838044
Conc: 74.01 ug/ml



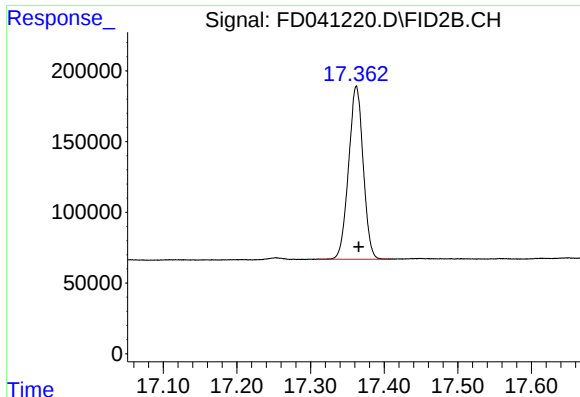
#15 n-Hexacosane (C26)

R.T.: 15.536 min
Delta R.T.: -0.004 min
Response: 1761230
Conc: 72.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.479 min
Delta R.T.: -0.004 min
Response: 1751420
Conc: 72.74 ug/ml



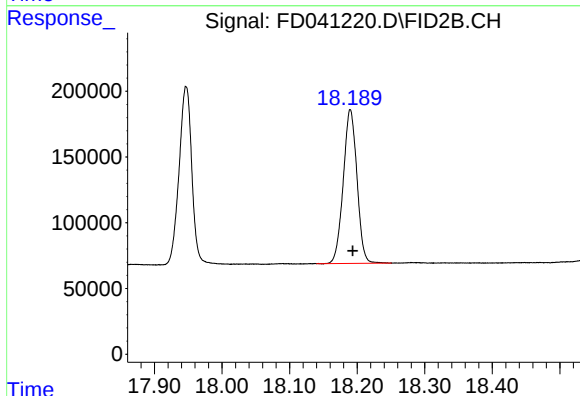
#17 n-Tricontane (C30)

R.T.: 17.362 min
Delta R.T.: -0.003 min
Response: 1683040
Conc: 70.63 ug/ml

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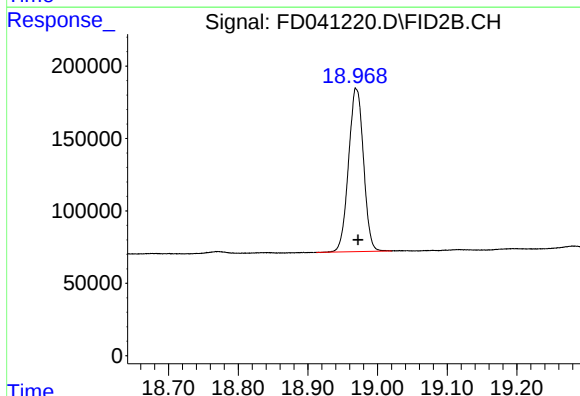
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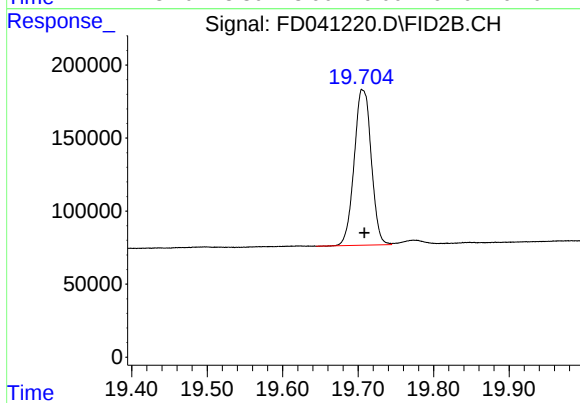
#18 n-Dotriacontane (C32)

R.T.: 18.190 min
Delta R.T.: -0.003 min
Response: 1650088
Conc: 73.57 ug/ml



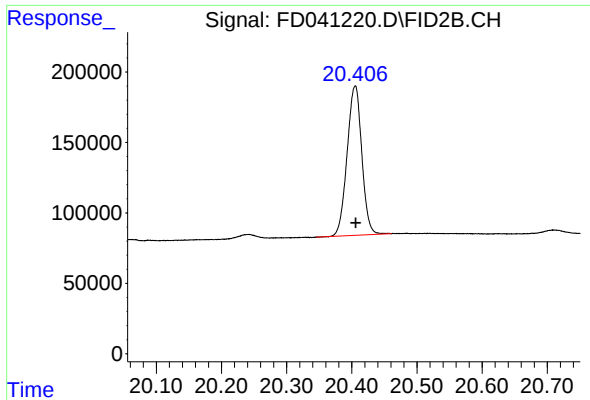
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min
Delta R.T.: -0.003 min
Response: 1677039
Conc: 77.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.706 min
Delta R.T.: -0.002 min
Response: 1670984
Conc: 84.04 ug/ml



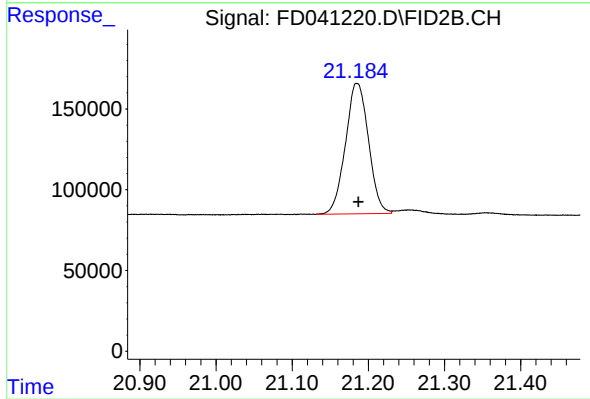
#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 1661404
Conc: 87.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 1697915
Conc: 87.72 ug/ml m