

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD041999.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2022 19:07
 Operator : UA/NP
 Sample : N2467-01MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 KR-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: sample.E
 Quant Time: Apr 20 01:35:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.216	6276026	35.391 ug/ml
Spiked Amount 50.000		Recovery =	70.78%
12) S 1-chlorooctadecane (S...	12.654	4884538	35.275 ug/ml
Spiked Amount 50.000		Recovery =	70.55%
Target Compounds			
1) T n-Nonane (C9)	3.087	4750644	32.295 ug/ml
2) T n-Decane (C10)	4.130	5461434	37.401 ug/ml
3) T A~Naphthalene (C11.7)	5.678	6363318	40.737 ug/ml
4) T n-Dodecane (C12)	6.124	5840487	38.773 ug/ml
5) T A~2-methylnaphthalene...	6.724	6335849	40.731 ug/ml
6) T n-Tetradecane (C14)	7.903	6160188	40.442 ug/ml
7) T n-Hexadecane (C16)	9.488	6522223	42.300 ug/ml
8) T n-Octadecane (C18)	10.919	6839176	43.409 ug/ml
10) T n-Eicosane (C20)	12.218	6435329	40.680 ug/ml
11) T n-Heneicosane (C21)	12.825	6322481	39.482 ug/ml
13) T n-Docosane (C22)	13.408	6164414	38.381 ug/ml
14) T n-Tetracosane (C24)	14.504	6477091	40.070 ug/ml
15) T n-Hexacosane (C26)	15.520	5742709	35.556 ug/ml
16) T n-Octacosane (C28)	16.462	5571352	34.611 ug/ml
17) T n-Tricontane (C30)	17.345	5385282	34.172 ug/ml
18) T n-Dotriacontane (C32)	18.171	5423510	36.548 ug/mlm
19) T n-Tetratriacontane (C34)	18.952	5110345	38.141 ug/mlm
20) T n-Hexatriacontane (C36)	19.686	5017966	41.907 ug/mlm
21) T n-Octatriacontane (C38)	20.383	5033520	45.478 ug/ml
22) T n-Tetracontane (C40)	21.157	5103087	47.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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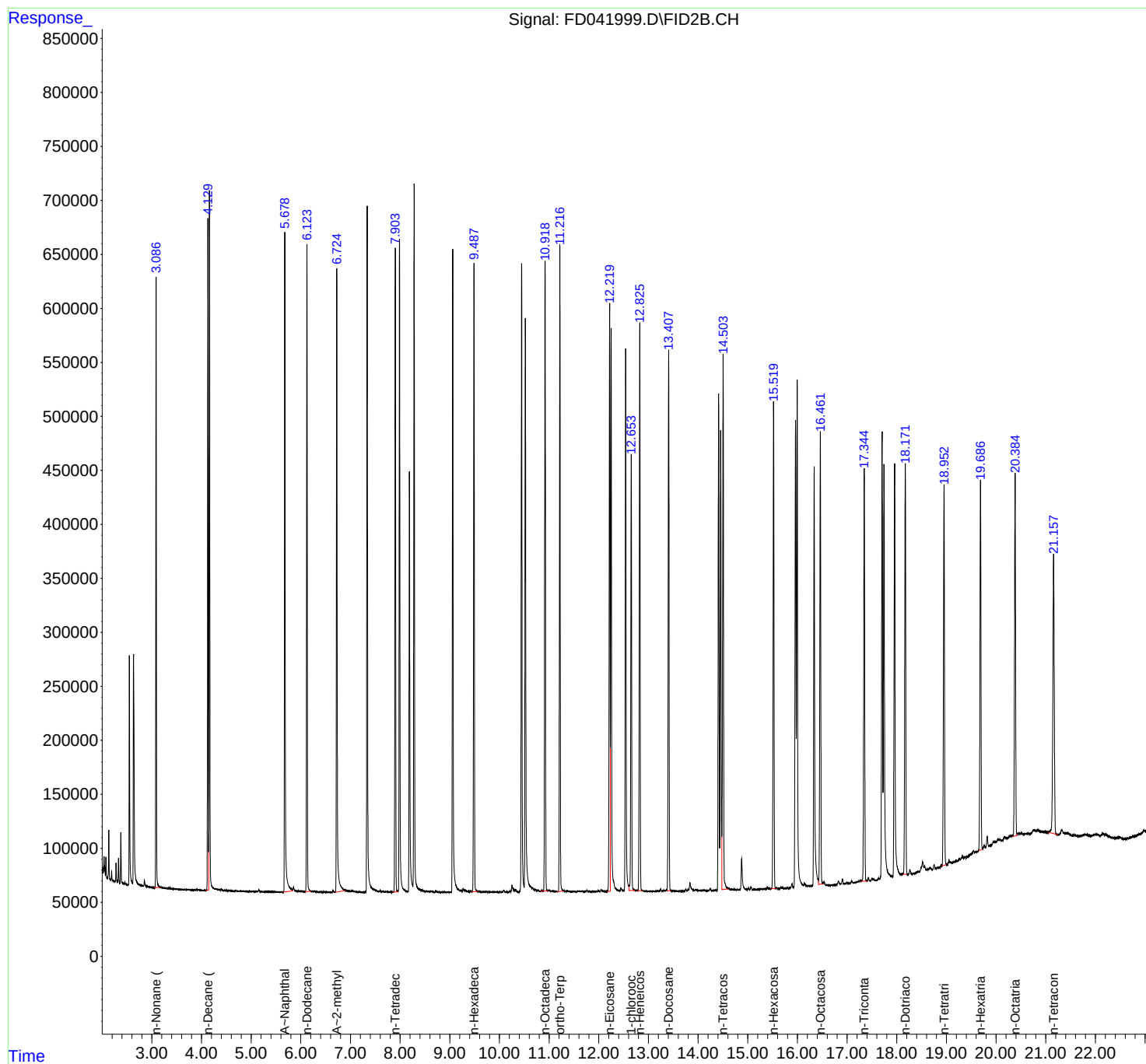
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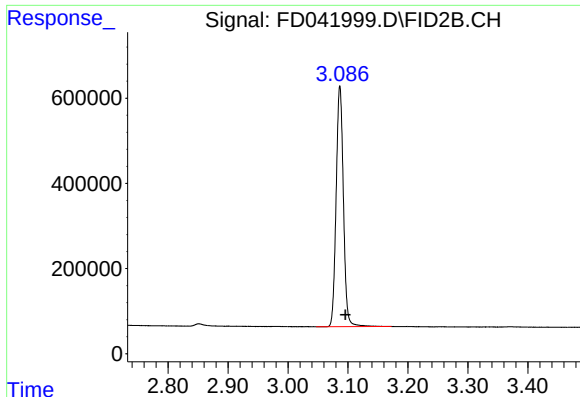
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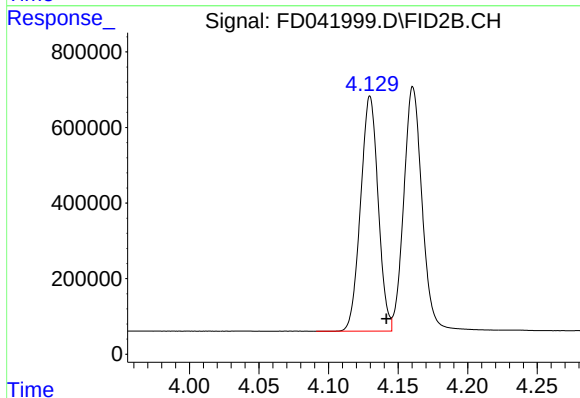
#1 n-Nonane (C9)

R.T.: 3.087 min
Delta R.T.: -0.009 min
Response: 4750644
Conc: 32.30 ug/ml

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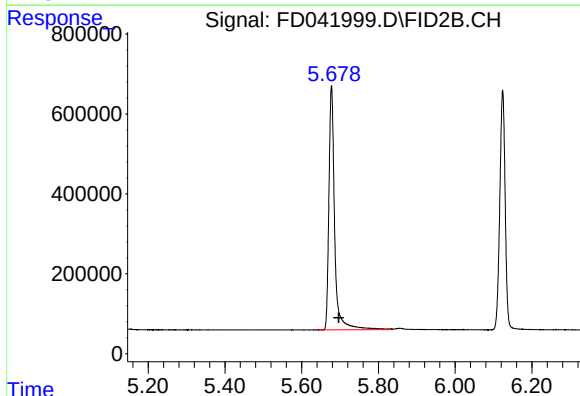
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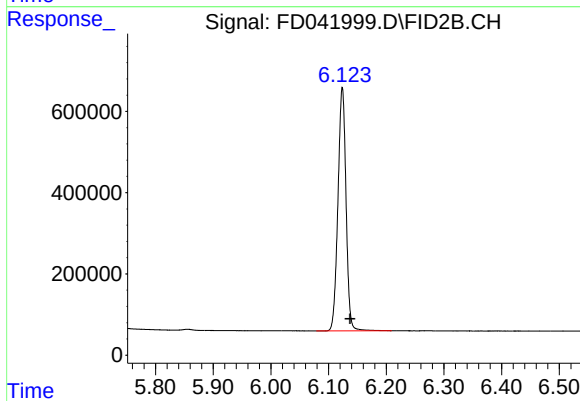
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: -0.012 min
Response: 5461434
Conc: 37.40 ug/ml



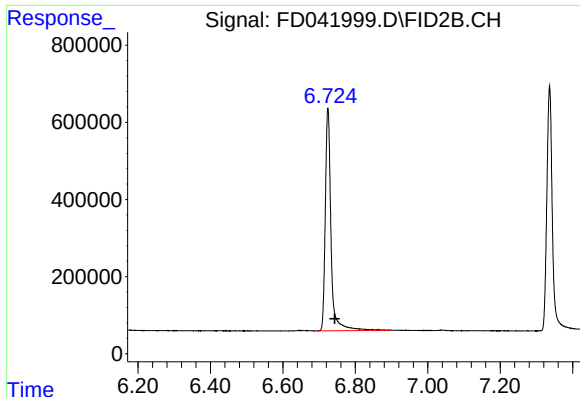
#3 A~Naphthalene (C11.7)

R.T.: 5.678 min
Delta R.T.: -0.019 min
Response: 6363318
Conc: 40.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.124 min
Delta R.T.: -0.013 min
Response: 5840487
Conc: 38.77 ug/ml



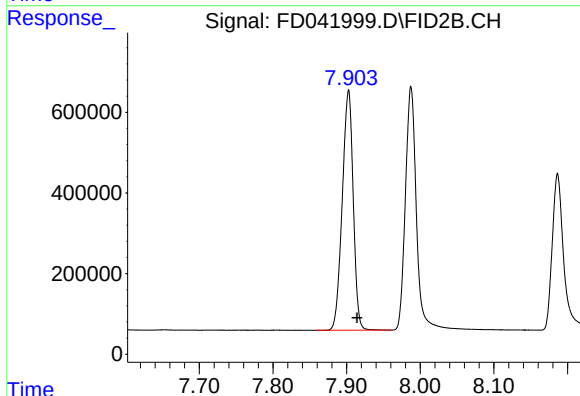
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.019 min
Response: 6335849
Conc: 40.73 ug/ml

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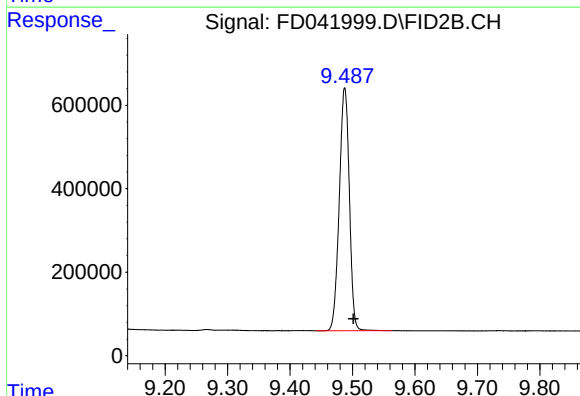
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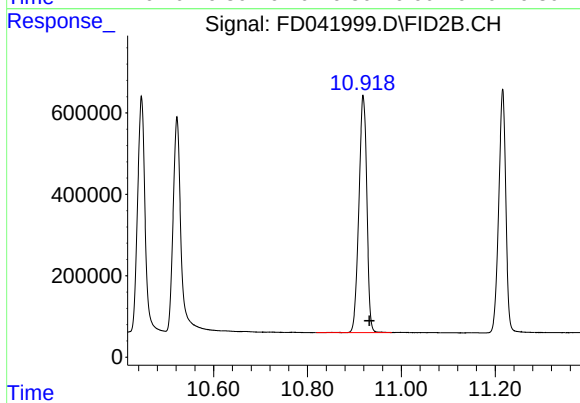
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: -0.012 min
Response: 6160188
Conc: 40.44 ug/ml



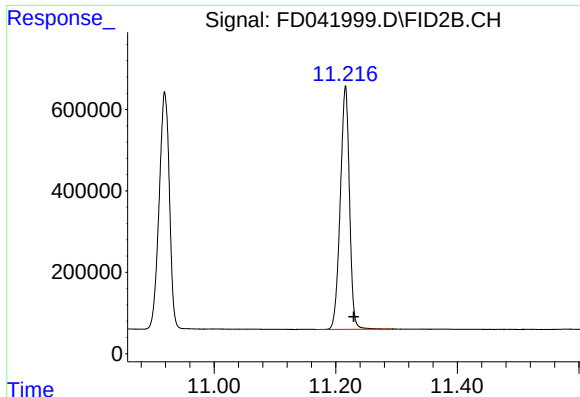
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.014 min
Response: 6522223
Conc: 42.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.919 min
Delta R.T.: -0.013 min
Response: 6839176
Conc: 43.41 ug/ml



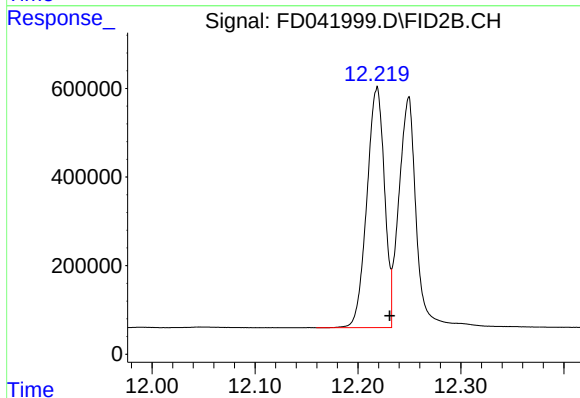
#9 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 6276026
Conc: 35.39 ug/ml

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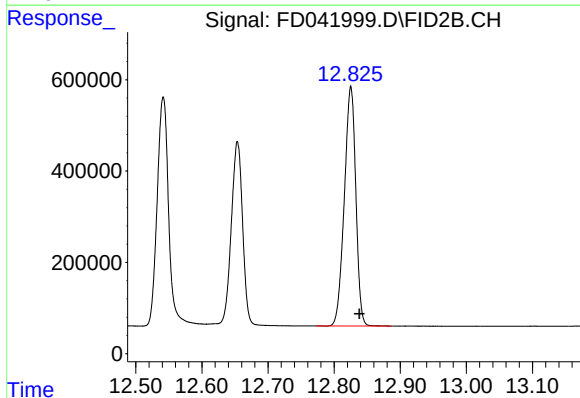
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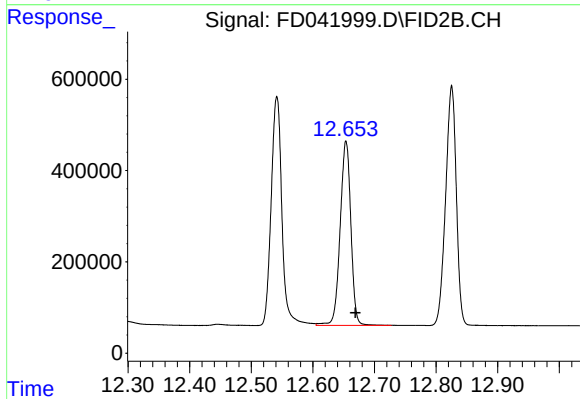
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.012 min
Response: 6435329
Conc: 40.68 ug/ml



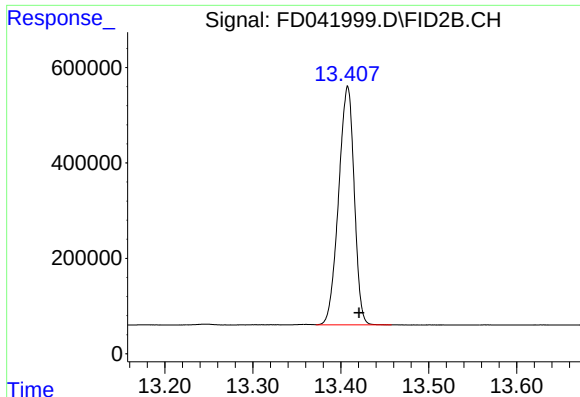
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 6322481
Conc: 39.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.654 min
Delta R.T.: -0.015 min
Response: 4884538
Conc: 35.27 ug/ml



#13 n-Docosane (C22)

R.T.: 13.408 min
Delta R.T.: -0.013 min
Response: 6164414
Conc: 38.38 ug/ml

Instrument :

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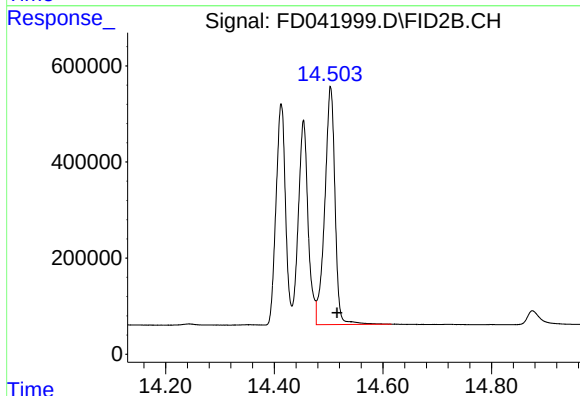
ClientSampleId :

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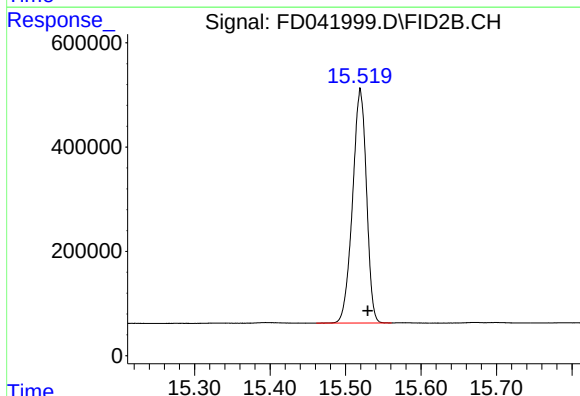
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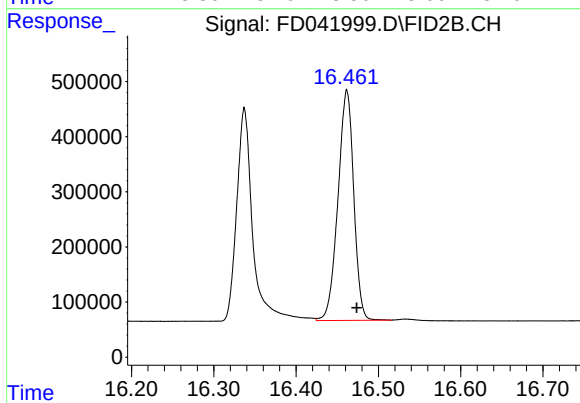
#14 n-Tetracosane (C24)

R.T.: 14.504 min
Delta R.T.: -0.012 min
Response: 6477091
Conc: 40.07 ug/ml



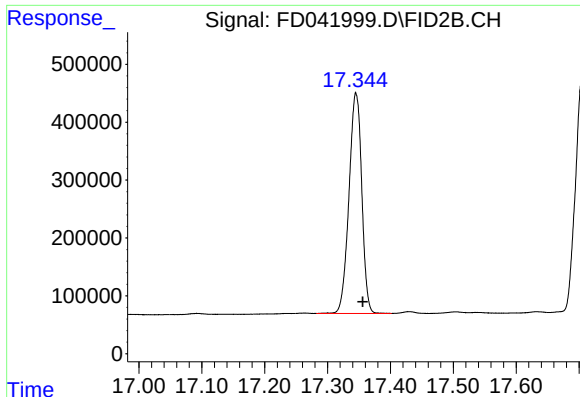
#15 n-Hexacosane (C26)

R.T.: 15.520 min
Delta R.T.: -0.010 min
Response: 5742709
Conc: 35.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.462 min
Delta R.T.: -0.012 min
Response: 5571352
Conc: 34.61 ug/ml



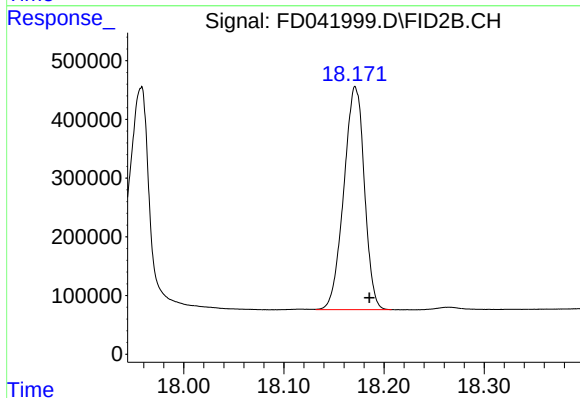
#17 n-Tricontane (C30)

R.T.: 17.345 min
Delta R.T.: -0.011 min
Response: 5385282
Conc: 34.17 ug/ml

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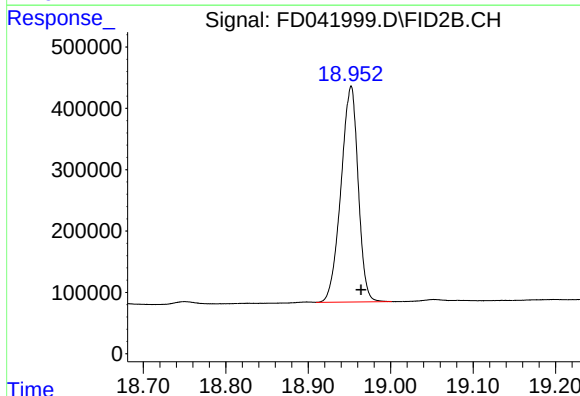
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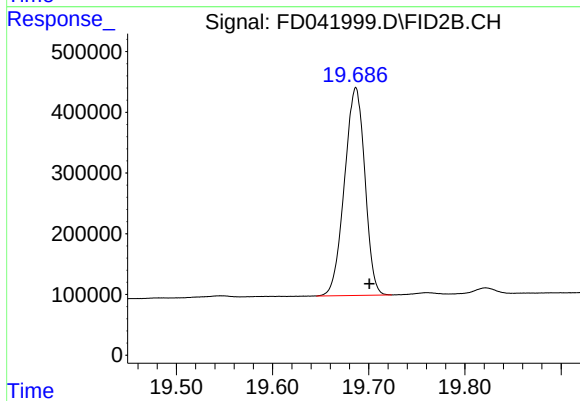
#18 n-Dotriacontane (C32)

R.T.: 18.171 min
Delta R.T.: -0.015 min
Response: 5423510
Conc: 36.55 ug/ml m



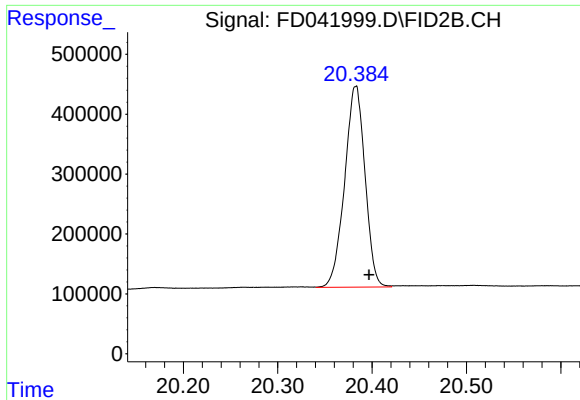
#19 n-Tetratriacontane (C34)

R.T.: 18.952 min
Delta R.T.: -0.012 min
Response: 5110345
Conc: 38.14 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.686 min
Delta R.T.: -0.014 min
Response: 5017966
Conc: 41.91 ug/ml m



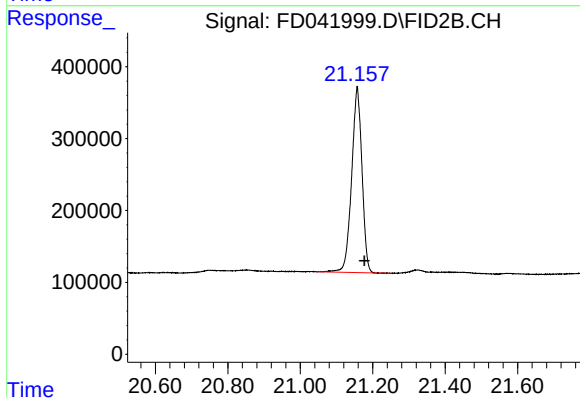
#21 n-Octatriacontane (C38)

R.T.: 20.383 min
Delta R.T.: -0.014 min
Response: 5033520
Conc: 45.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: -0.020 min
Response: 5103087
Conc: 47.40 ug/ml