

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039939.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 2:22
 Operator : AJ\MA
 Sample : M5044-21MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DA-21-4.5MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/16/2021
 Supervised By :Yogesh Patel 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 05:20:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 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)	10.793	7055706	44.945 ug/ml
Spiked Amount 50.000		Recovery =	89.89%
12) S 1-chlorooctadecane (S...	12.224	5433616	43.999 ug/mlm
Spiked Amount 50.000		Recovery =	88.00%
Target Compounds			
1) T n-Nonane (C9)	2.682	8804658	62.567 ug/ml
2) T n-Decane (C10)	3.694	10828816	75.922 ug/mlm
3) T A~Naphthalene (C11.7)	5.253	22137448	137.907 ug/mlm
4) T n-Dodecane (C12)	5.673	11870838	83.139 ug/mlm
5) T A~2-methylnaphthalene...	6.301	26784841	165.976 ug/mlm
6) T n-Tetradecane (C14)	7.454	7902430	54.829 ug/ml
7) T n-Hexadecane (C16)	9.043	6916461	47.543 ug/ml
8) T n-Octadecane (C18)	10.480	6576281	44.194 ug/ml
10) T n-Eicosane (C20)	11.783	6314149	43.173 ug/ml
11) T n-Heneicosane (C21)	12.392	6091817	41.464 ug/ml
13) T n-Docosane (C22)	12.975	5951263	40.755 ug/ml
14) T n-Tetracosane (C24)	14.074	5749996	39.480 ug/ml
15) T n-Hexacosane (C26)	15.092	5578838	39.776 ug/ml
16) T n-Octacosane (C28)	16.038	5447086	40.163 ug/ml
17) T n-Tricontane (C30)	16.923	5161595	39.500 ug/mlm
18) T n-Dotriacontane (C32)	17.753	4914013	39.484 ug/ml
19) T n-Tetratriacontane (C34)	18.533	4285601	35.482 ug/mlm
20) T n-Hexatriacontane (C36)	19.272	3594458	31.256 ug/mlm
21) T n-Octatriacontane (C38)	19.988	3311043	29.663 ug/mlm
22) T n-Tetracontane (C40)	20.849	3276927	28.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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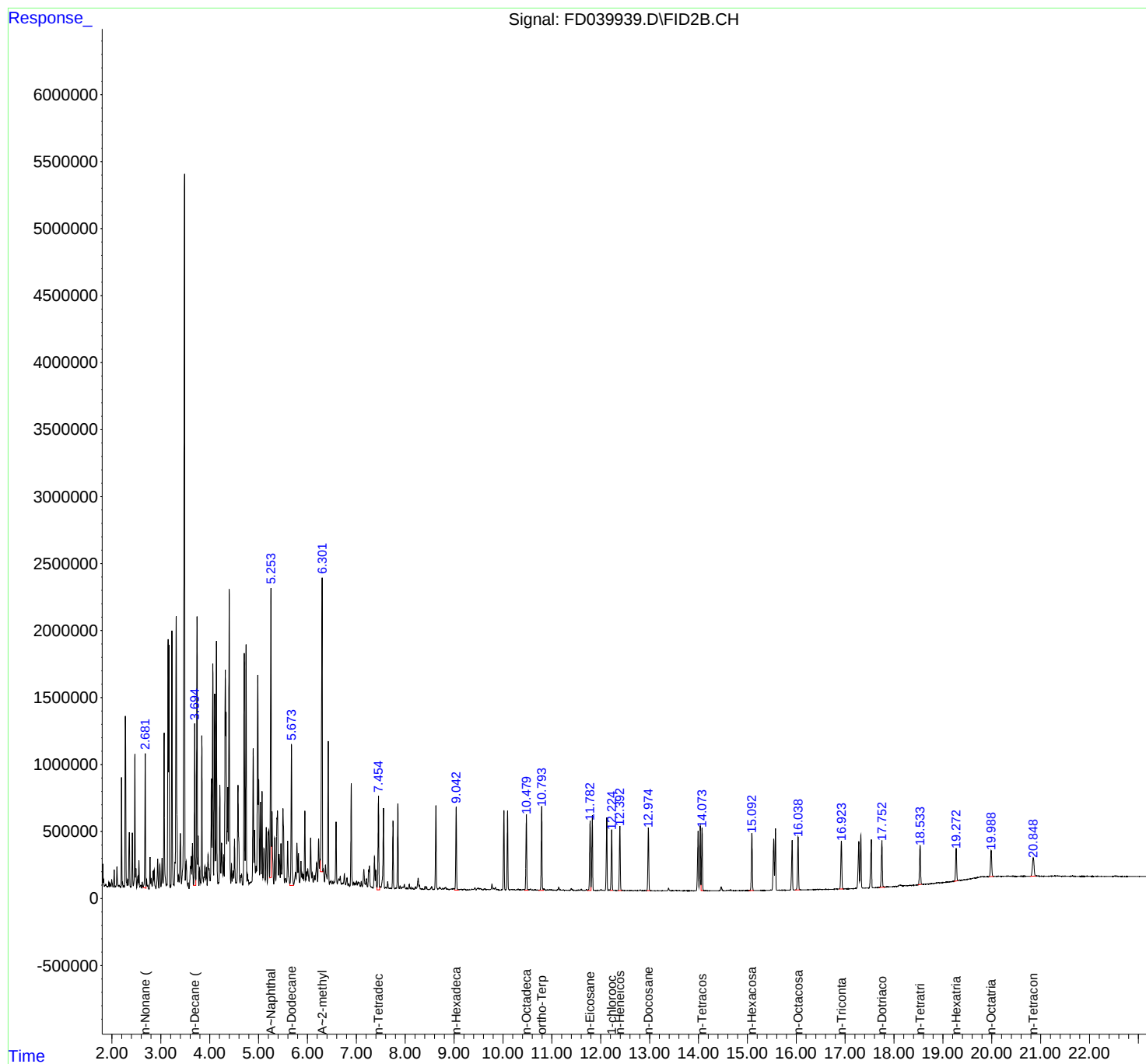
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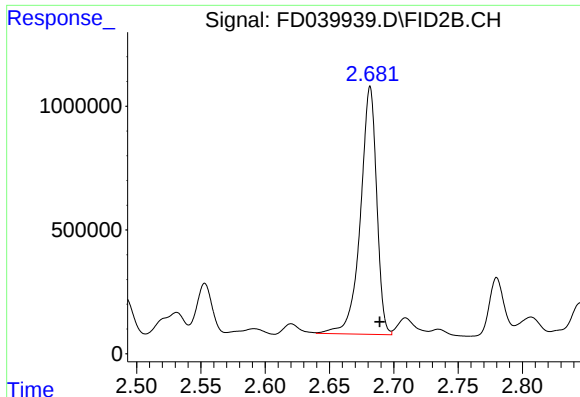
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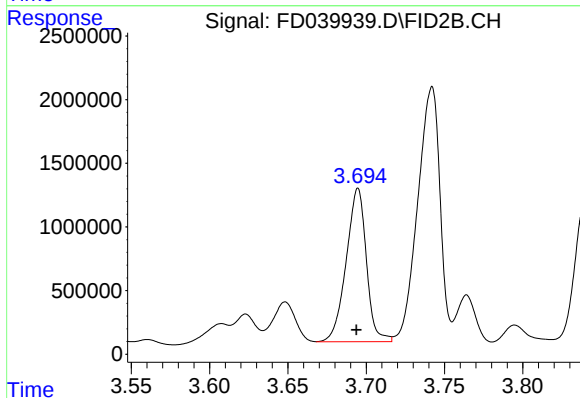
#1 n-Nonane (C9)

R.T.: 2.682 min
Delta R.T.: -0.007 min
Response: 8804658
Conc: 62.57 ug/ml

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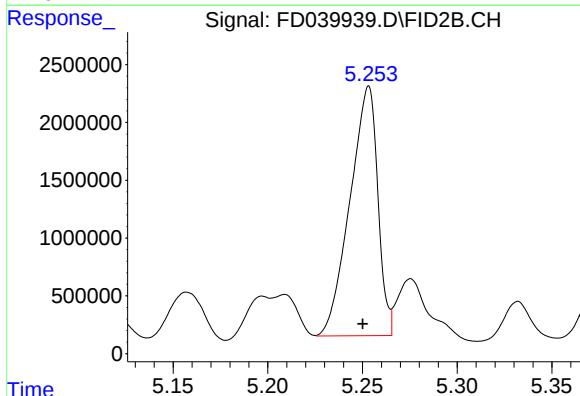
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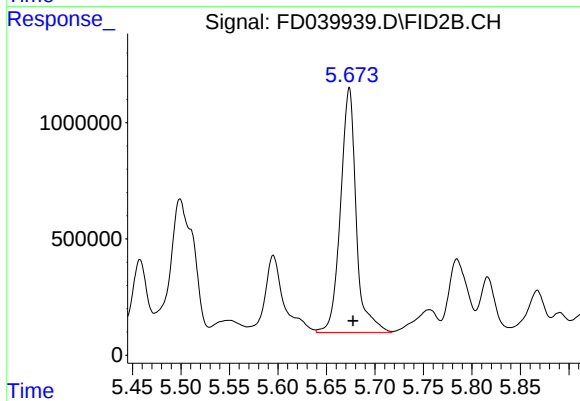
#2 n-Decane (C10)

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 10828816
Conc: 75.92 ug/ml m



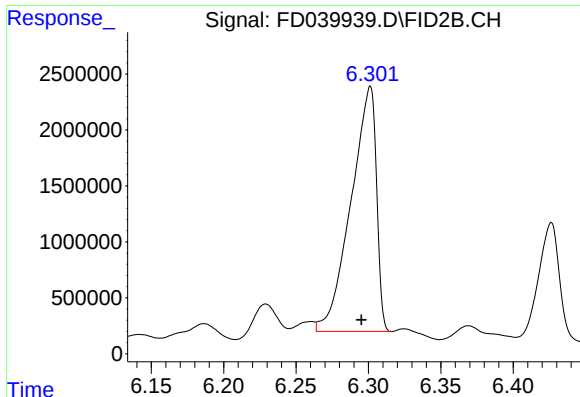
#3 A~Naphthalene (C11.7)

R.T.: 5.253 min
Delta R.T.: 0.003 min
Response: 22137448
Conc: 137.91 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 11870838
Conc: 83.14 ug/ml m



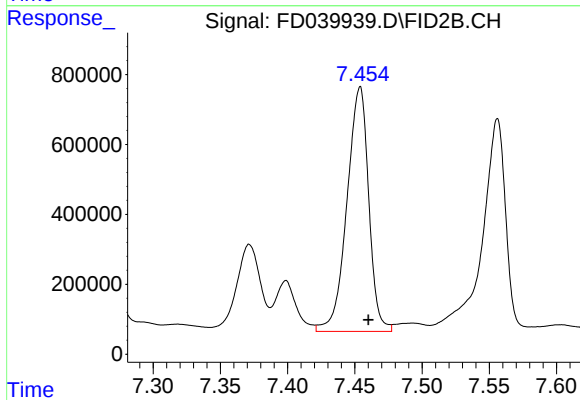
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.301 min
Delta R.T.: 0.006 min
Response: 26784841
Conc: 165.98 ug/ml

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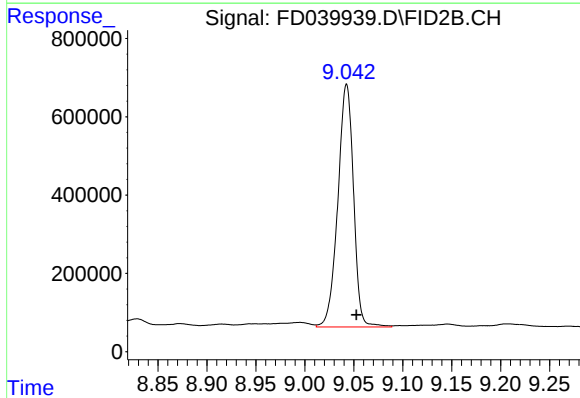
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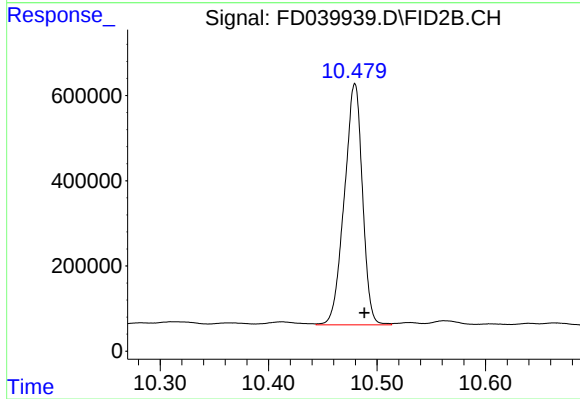
#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 7902430
Conc: 54.83 ug/ml



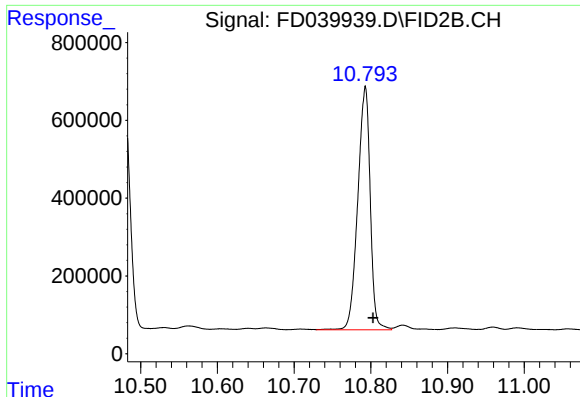
#7 n-Hexadecane (C16)

R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 6916461
Conc: 47.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.480 min
Delta R.T.: -0.009 min
Response: 6576281
Conc: 44.19 ug/ml



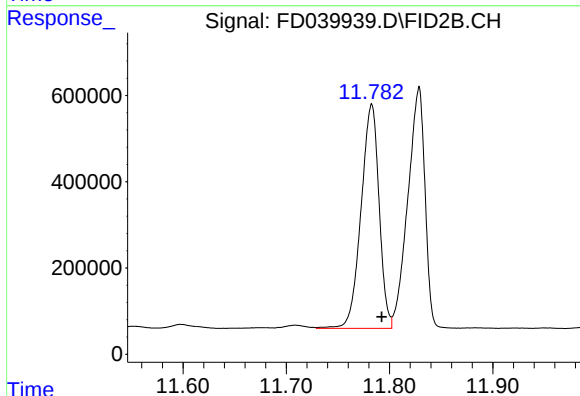
#9 ortho-Terphenyl (SURR)

R.T.: 10.793 min
Delta R.T.: -0.010 min
Response: 7055706
Conc: 44.94 ug/ml

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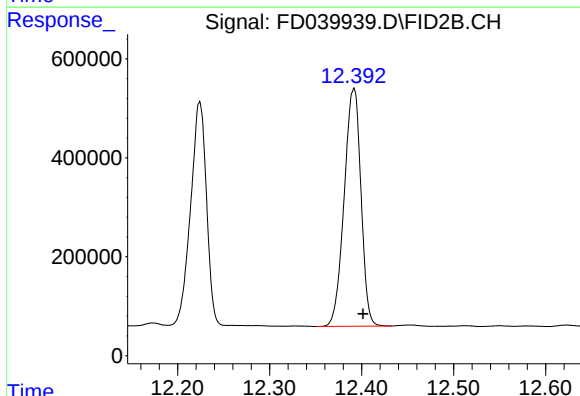
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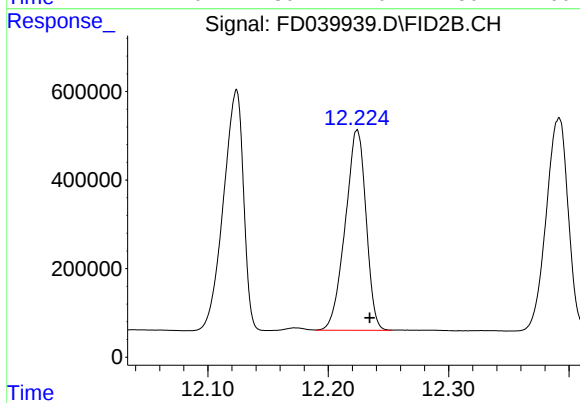
#10 n-Eicosane (C20)

R.T.: 11.783 min
Delta R.T.: -0.010 min
Response: 6314149
Conc: 43.17 ug/ml



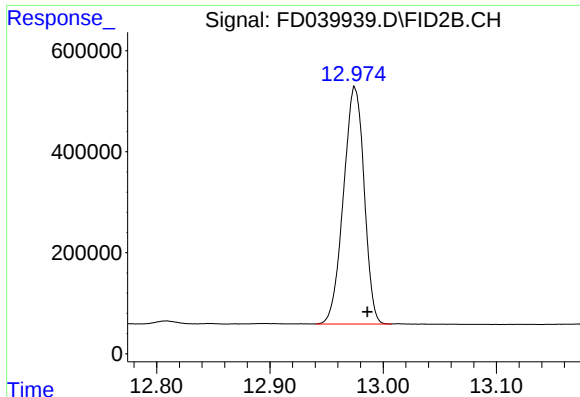
#11 n-Heneicosane (C21)

R.T.: 12.392 min
Delta R.T.: -0.010 min
Response: 6091817
Conc: 41.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.224 min
Delta R.T.: -0.011 min
Response: 5433616
Conc: 44.00 ug/ml m



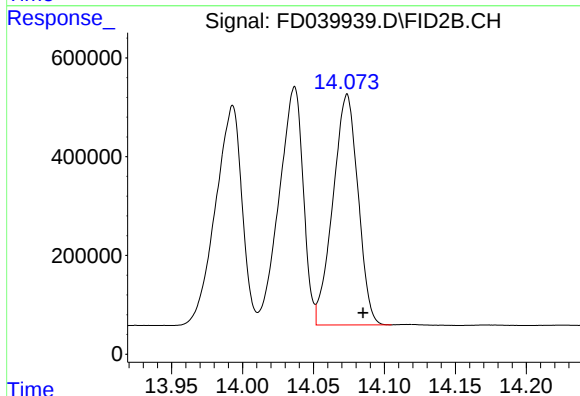
#13 n-Docosane (C22)

R.T.: 12.975 min
Delta R.T.: -0.011 min
Response: 5951263
Conc: 40.75 ug/ml

Instrument :
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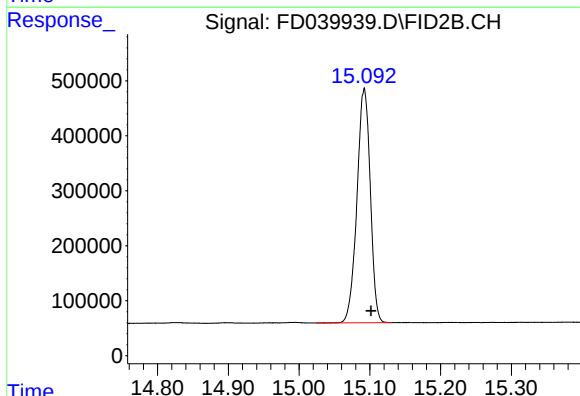
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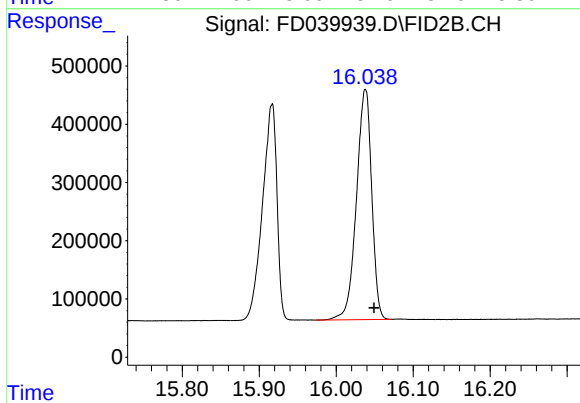
#14 n-Tetracosane (C24)

R.T.: 14.074 min
Delta R.T.: -0.011 min
Response: 5749996
Conc: 39.48 ug/ml



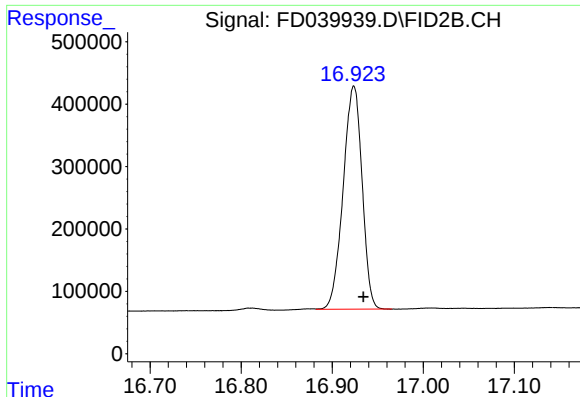
#15 n-Hexacosane (C26)

R.T.: 15.092 min
Delta R.T.: -0.010 min
Response: 5578838
Conc: 39.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.038 min
Delta R.T.: -0.011 min
Response: 5447086
Conc: 40.16 ug/ml



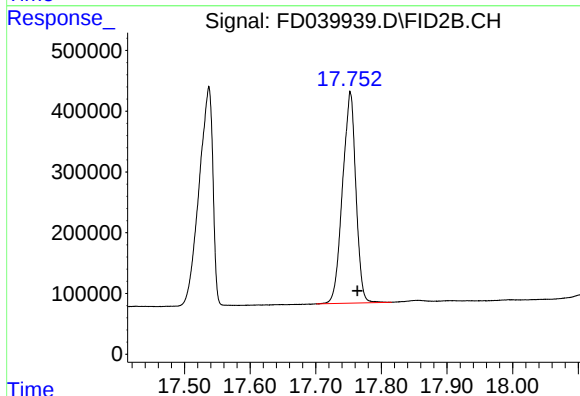
#17 n-Tricontane (C30)

R.T.: 16.923 min
Delta R.T.: -0.011 min
Response: 5161595
Conc: 39.50 ug/ml

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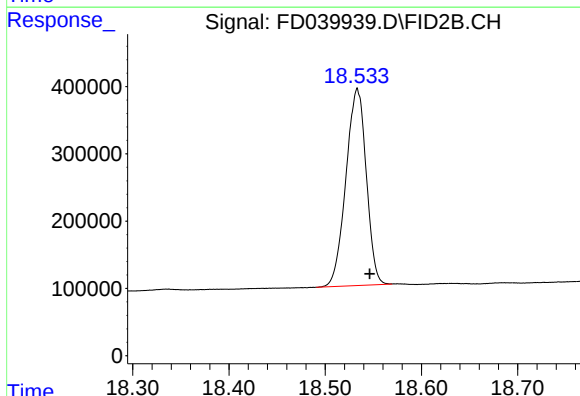
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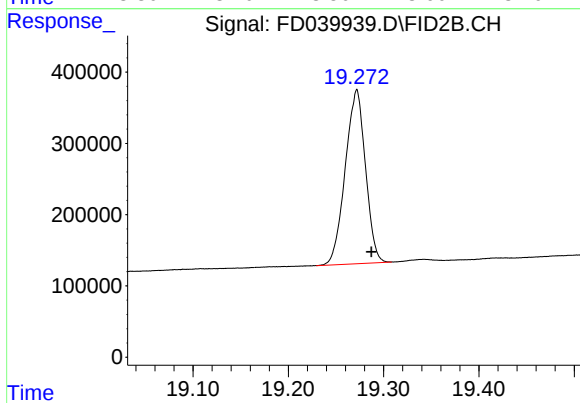
#18 n-Dotriacontane (C32)

R.T.: 17.753 min
Delta R.T.: -0.011 min
Response: 4914013
Conc: 39.48 ug/ml



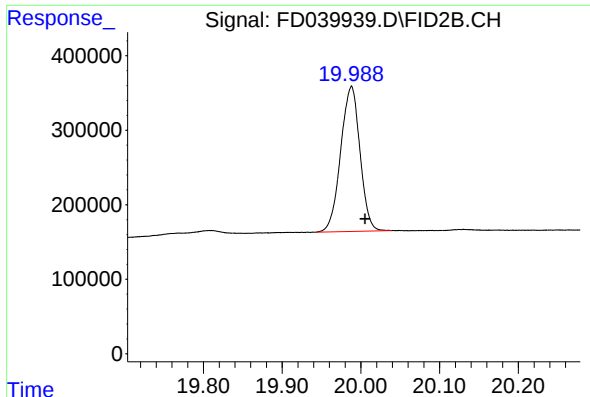
#19 n-Tetratriacontane (C34)

R.T.: 18.533 min
Delta R.T.: -0.013 min
Response: 4285601
Conc: 35.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.272 min
Delta R.T.: -0.015 min
Response: 3594458
Conc: 31.26 ug/ml m



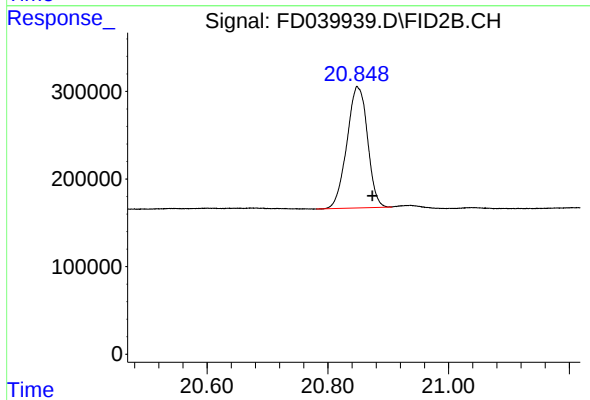
#21 n-Octatriacontane (C38)

R.T.: 19.988 min
Delta R.T.: -0.017 min
Response: 3311043
Conc: 29.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.849 min
Delta R.T.: -0.025 min
Response: 3276927
Conc: 28.76 ug/ml