

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039934.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 23:34
 Operator : AJ\MA
 Sample : PB141410BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141410BS

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 01:27:39 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)	10.795	7050705	44.913 ug/ml
Spiked Amount 50.000		Recovery =	89.83%
12) S 1-chlorooctadecane (S...	12.227	5550729	44.948 ug/ml
Spiked Amount 50.000		Recovery =	89.90%
Target Compounds			
1) T n-Nonane (C9)	2.688	4510093	32.049 ug/ml
2) T n-Decane (C10)	3.690	5095873	35.728 ug/ml
3) T A~Naphthalene (C11.7)	5.241	6198697	38.615 ug/ml
4) T n-Dodecane (C12)	5.670	5609938	39.290 ug/ml
5) T A~2-methylnaphthalene...	6.286	6277736	38.901 ug/ml
6) T n-Tetradecane (C14)	7.454	5776086	40.076 ug/ml
7) T n-Hexadecane (C16)	9.045	5979858	41.105 ug/ml
8) T n-Octadecane (C18)	10.482	5994837	40.287 ug/ml
10) T n-Eicosane (C20)	11.785	5844293	39.961 ug/ml
11) T n-Heneicosane (C21)	12.394	5763009	39.226 ug/ml
13) T n-Docosane (C22)	12.978	5696376	39.009 ug/ml
14) T n-Tetracosane (C24)	14.078	5553853	38.133 ug/ml
15) T n-Hexacosane (C26)	15.096	5349321	38.139 ug/ml
16) T n-Octacosane (C28)	16.041	5247267	38.689 ug/ml
17) T n-Tricontane (C30)	16.927	4954598	37.916 ug/ml
18) T n-Dotriacontane (C32)	17.756	4815402	38.692 ug/ml
19) T n-Tetratriacontane (C34)	18.537	4165626	34.489 ug/ml
20) T n-Hexatriacontane (C36)	19.276	3555218	30.914 ug/ml
21) T n-Octatriacontane (C38)	19.993	3172068	28.418 ug/mlm
22) T n-Tetracontane (C40)	20.857	3381777	29.679 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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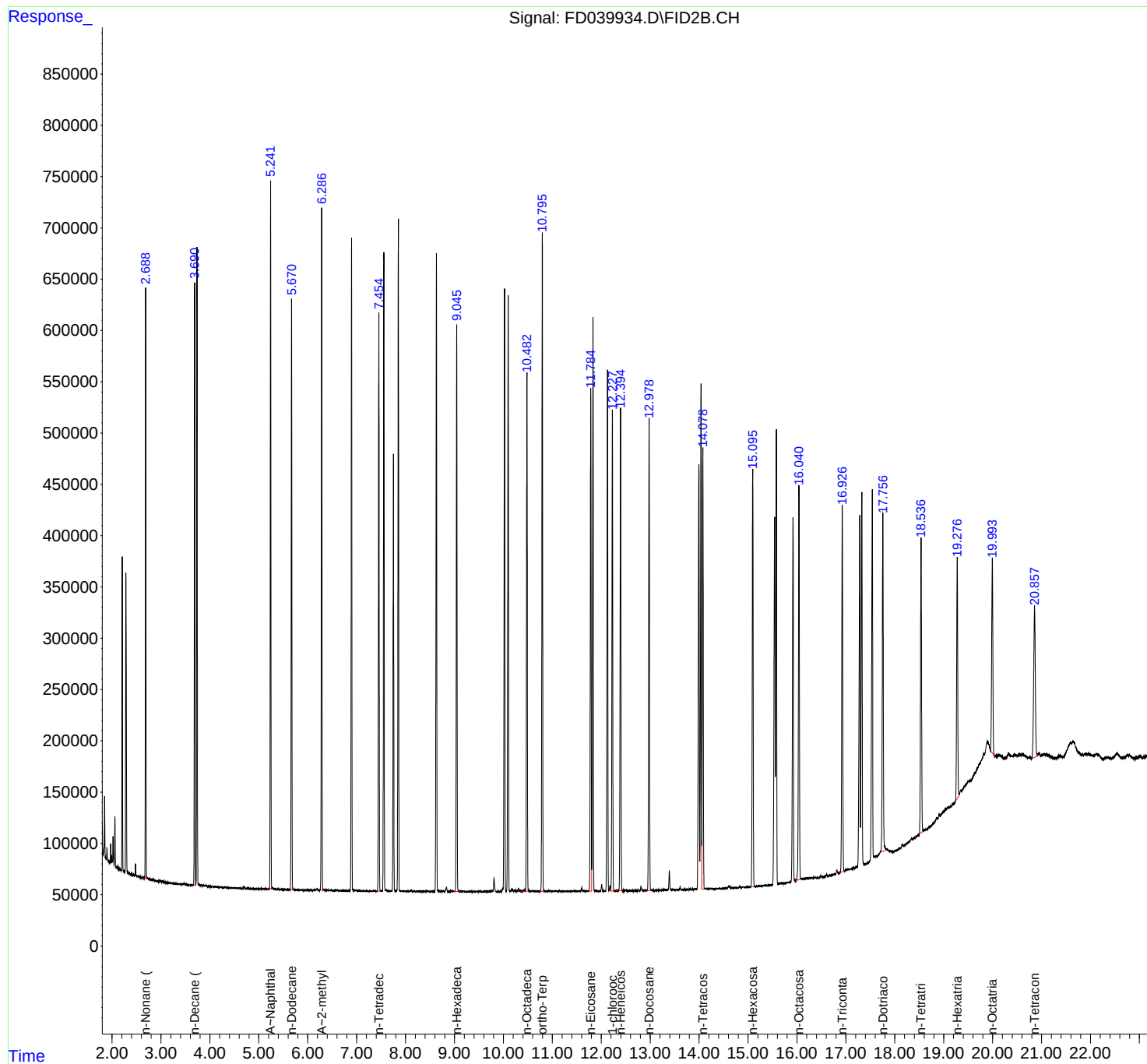
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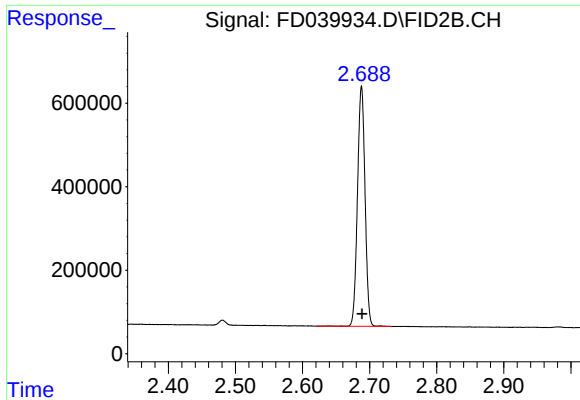
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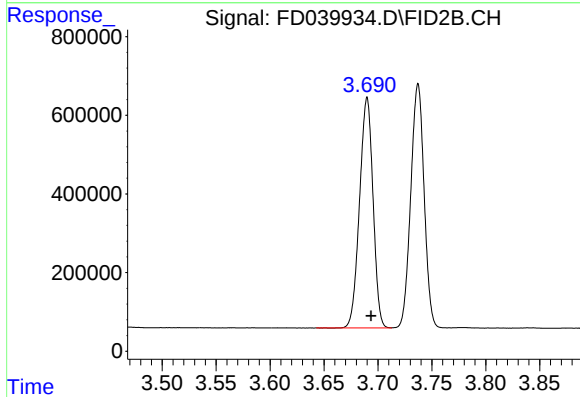
#1 n-Nonane (C9)

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 4510093
Conc: 32.05 ug/ml

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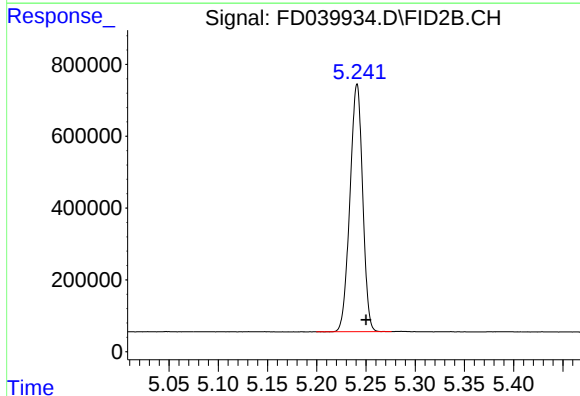
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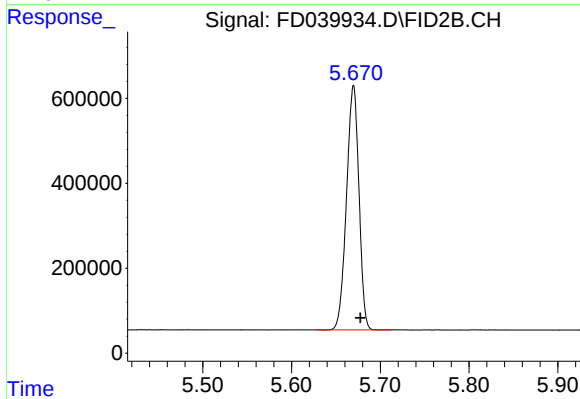
#2 n-Decane (C10)

R.T.: 3.690 min
Delta R.T.: -0.004 min
Response: 5095873
Conc: 35.73 ug/ml



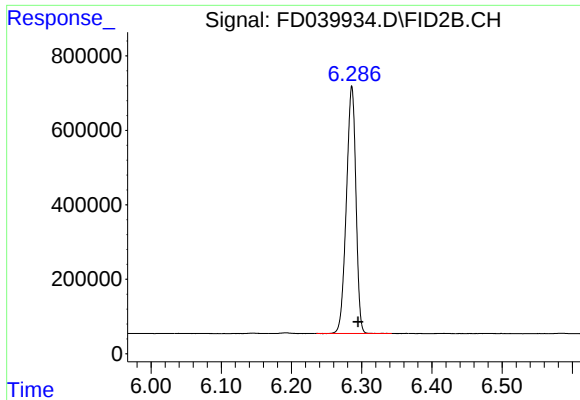
#3 A~Naphthalene (C11.7)

R.T.: 5.241 min
Delta R.T.: -0.009 min
Response: 6198697
Conc: 38.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.670 min
Delta R.T.: -0.008 min
Response: 5609938
Conc: 39.29 ug/ml



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

R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 6277736
Conc: 38.90 ug/ml

Instrument :

FID_D

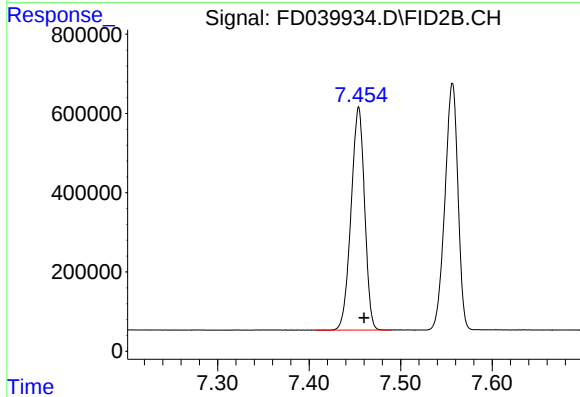
ClientSampleId :

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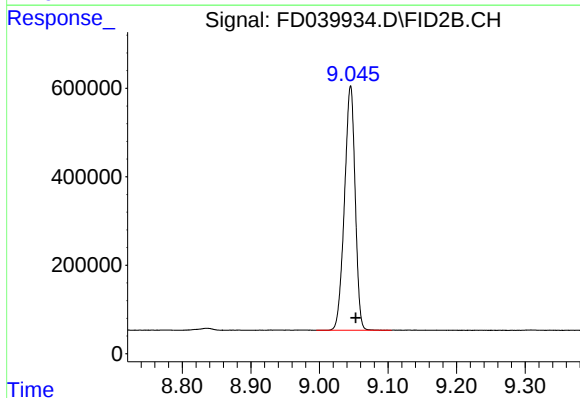
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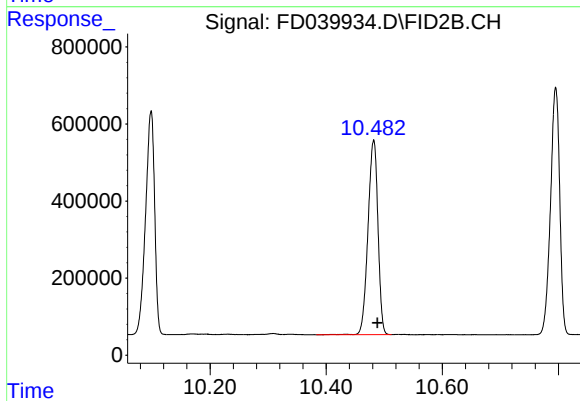
#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 5776086
Conc: 40.08 ug/ml



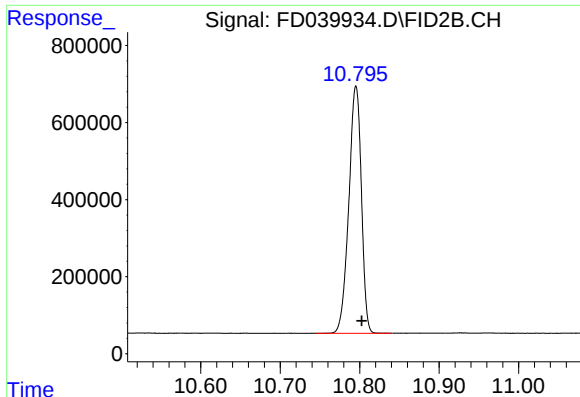
#7 n-Hexadecane (C16)

R.T.: 9.045 min
Delta R.T.: -0.007 min
Response: 5979858
Conc: 41.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.482 min
Delta R.T.: -0.007 min
Response: 5994837
Conc: 40.29 ug/ml



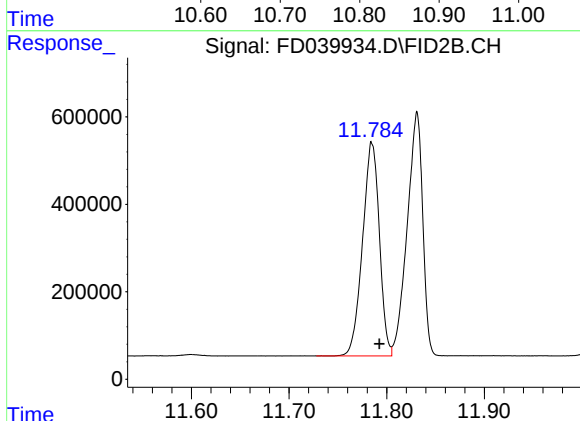
#9 ortho-Terphenyl (SURR)

R.T.: 10.795 min
Delta R.T.: -0.007 min
Response: 7050705
Conc: 44.91 ug/ml

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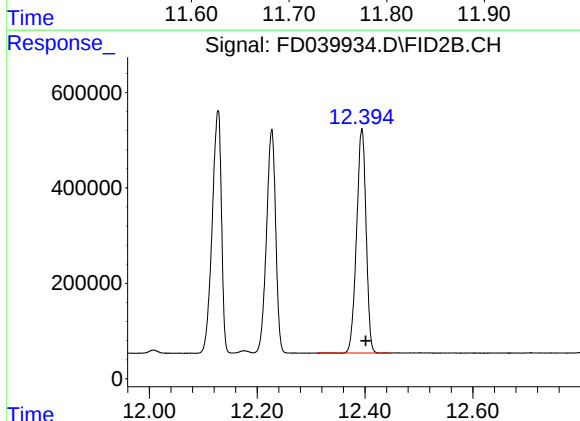
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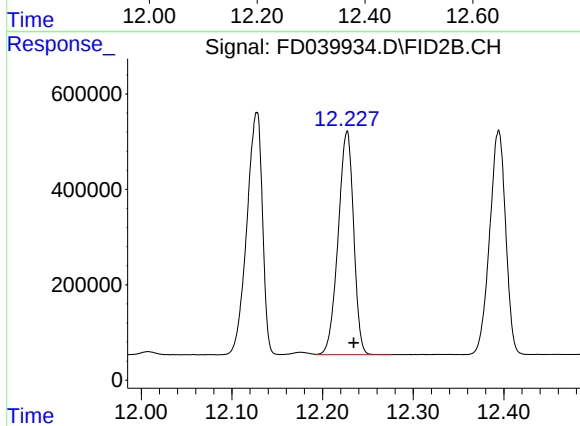
#10 n-Eicosane (C20)

R.T.: 11.785 min
Delta R.T.: -0.008 min
Response: 5844293
Conc: 39.96 ug/ml



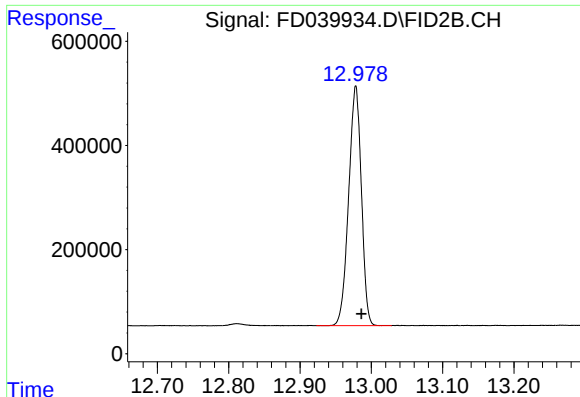
#11 n-Heneicosane (C21)

R.T.: 12.394 min
Delta R.T.: -0.008 min
Response: 5763009
Conc: 39.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.227 min
Delta R.T.: -0.007 min
Response: 5550729
Conc: 44.95 ug/ml



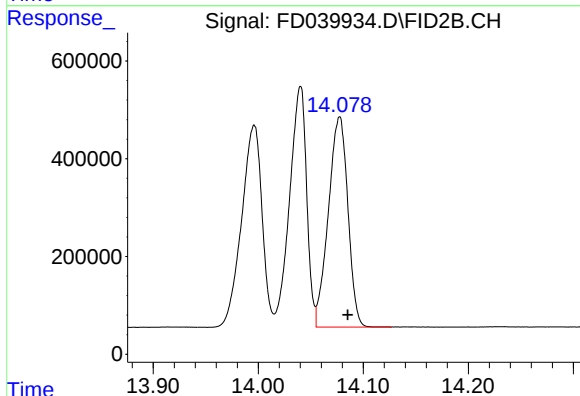
#13 n-Docosane (C22)

R.T.: 12.978 min
Delta R.T.: -0.008 min
Response: 5696376
Conc: 39.01 ug/ml

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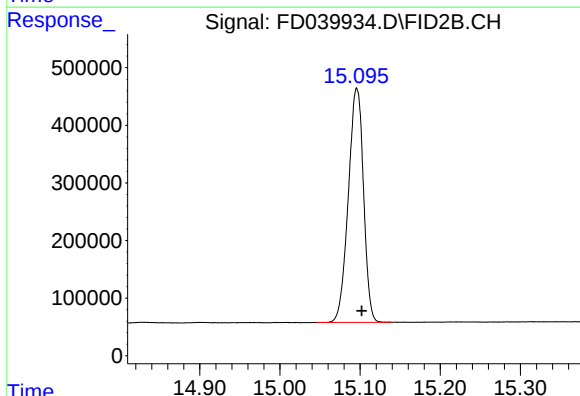
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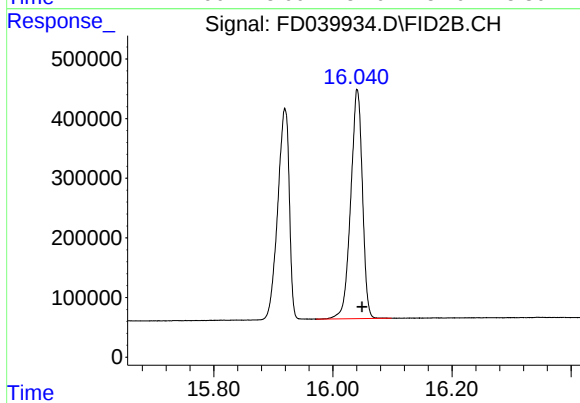
#14 n-Tetracosane (C24)

R.T.: 14.078 min
Delta R.T.: -0.008 min
Response: 5553853
Conc: 38.13 ug/ml



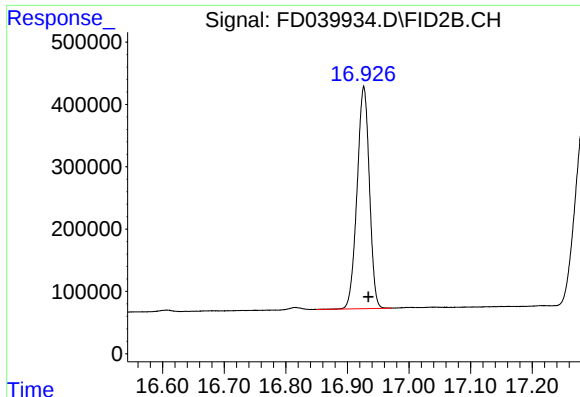
#15 n-Hexacosane (C26)

R.T.: 15.096 min
Delta R.T.: -0.006 min
Response: 5349321
Conc: 38.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.041 min
Delta R.T.: -0.008 min
Response: 5247267
Conc: 38.69 ug/ml



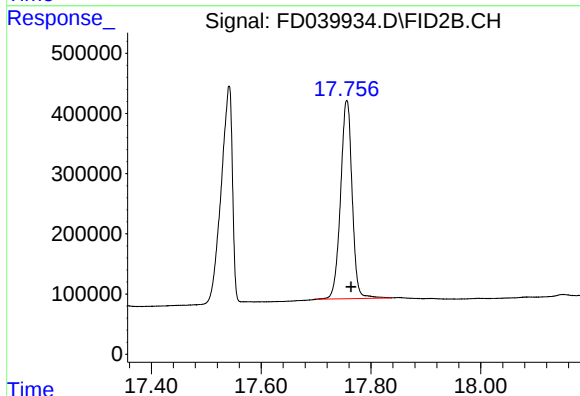
#17 n-Tricontane (C30)

R.T.: 16.927 min
Delta R.T.: -0.008 min
Response: 4954598
Conc: 37.92 ug/ml

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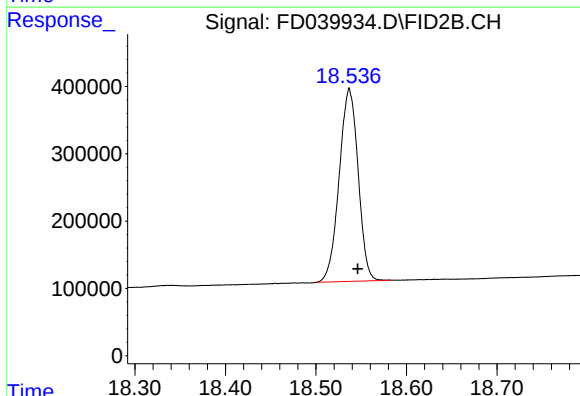
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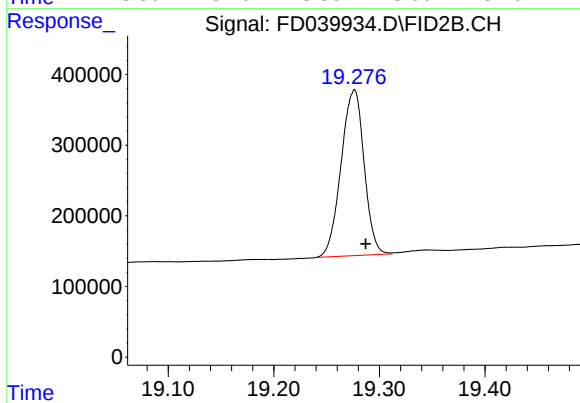
#18 n-Dotriacontane (C32)

R.T.: 17.756 min
Delta R.T.: -0.008 min
Response: 4815402
Conc: 38.69 ug/ml



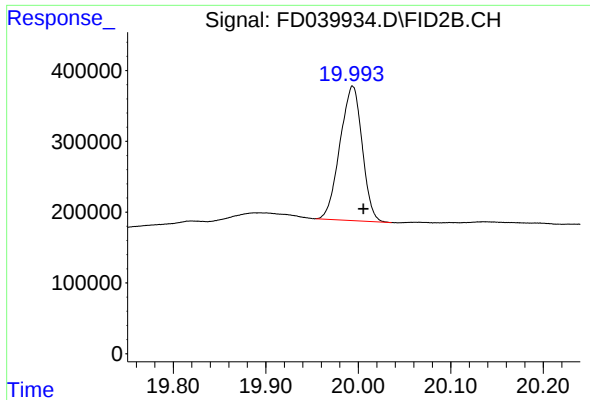
#19 n-Tetratriacontane (C34)

R.T.: 18.537 min
Delta R.T.: -0.009 min
Response: 4165626
Conc: 34.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.276 min
Delta R.T.: -0.011 min
Response: 3555218
Conc: 30.91 ug/ml



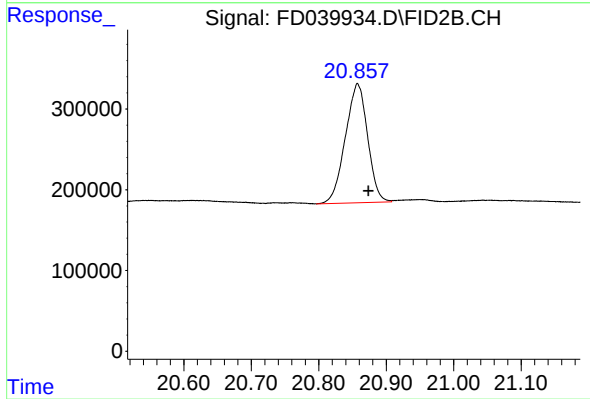
#21 n-Octatriacontane (C38)

R.T.: 19.993 min
Delta R.T.: -0.012 min
Response: 3172068
Conc: 28.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.857 min
Delta R.T.: -0.017 min
Response: 3381777
Conc: 29.68 ug/ml m