

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039994.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 12:26
 Operator : AJ\MA
 Sample : PB141482BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141482BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 17 23:40:14 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)	10.766	7248329	46.172 ug/ml
Spiked Amount 50.000		Recovery =	92.34%
12) S 1-chlorooctadecane (S...	12.199	5738947	46.472 ug/ml
Spiked Amount 50.000		Recovery =	92.94%
Target Compounds			
1) T n-Nonane (C9)	2.674	5405816	38.414 ug/ml
2) T n-Decane (C10)	3.670	5761878	40.397 ug/ml
3) T A~Naphthalene (C11.7)	5.214	6924178	43.135 ug/ml
4) T n-Dodecane (C12)	5.646	6248295	43.761 ug/ml
5) T A~2-methylnaphthalene...	6.258	7120748	44.125 ug/ml
6) T n-Tetradecane (C14)	7.430	6771305	46.981 ug/ml
7) T n-Hexadecane (C16)	9.020	7145774	49.119 ug/ml
8) T n-Octadecane (C18)	10.456	7198057	48.373 ug/ml
10) T n-Eicosane (C20)	11.760	7108059	48.602 ug/ml
11) T n-Heneicosane (C21)	12.369	6954885	47.338 ug/ml
13) T n-Docosane (C22)	12.953	6886690	47.160 ug/ml
14) T n-Tetracosane (C24)	14.051	6731415	46.219 ug/ml
15) T n-Hexacosane (C26)	15.070	6470439	46.133 ug/ml
16) T n-Octacosane (C28)	16.015	6321712	46.611 ug/ml
17) T n-Tricontane (C30)	16.900	5934610	45.415 ug/mlm
18) T n-Dotriacontane (C32)	17.730	5542744	44.536 ug/mlm
19) T n-Tetratriacontane (C34)	18.512	4925474	40.780 ug/mlm
20) T n-Hexatriacontane (C36)	19.249	4165531	36.221 ug/mlm
21) T n-Octatriacontane (C38)	19.965	3869392	34.665 ug/mlm
22) T n-Tetracontane (C40)	20.816	3807240	33.413 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141482BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

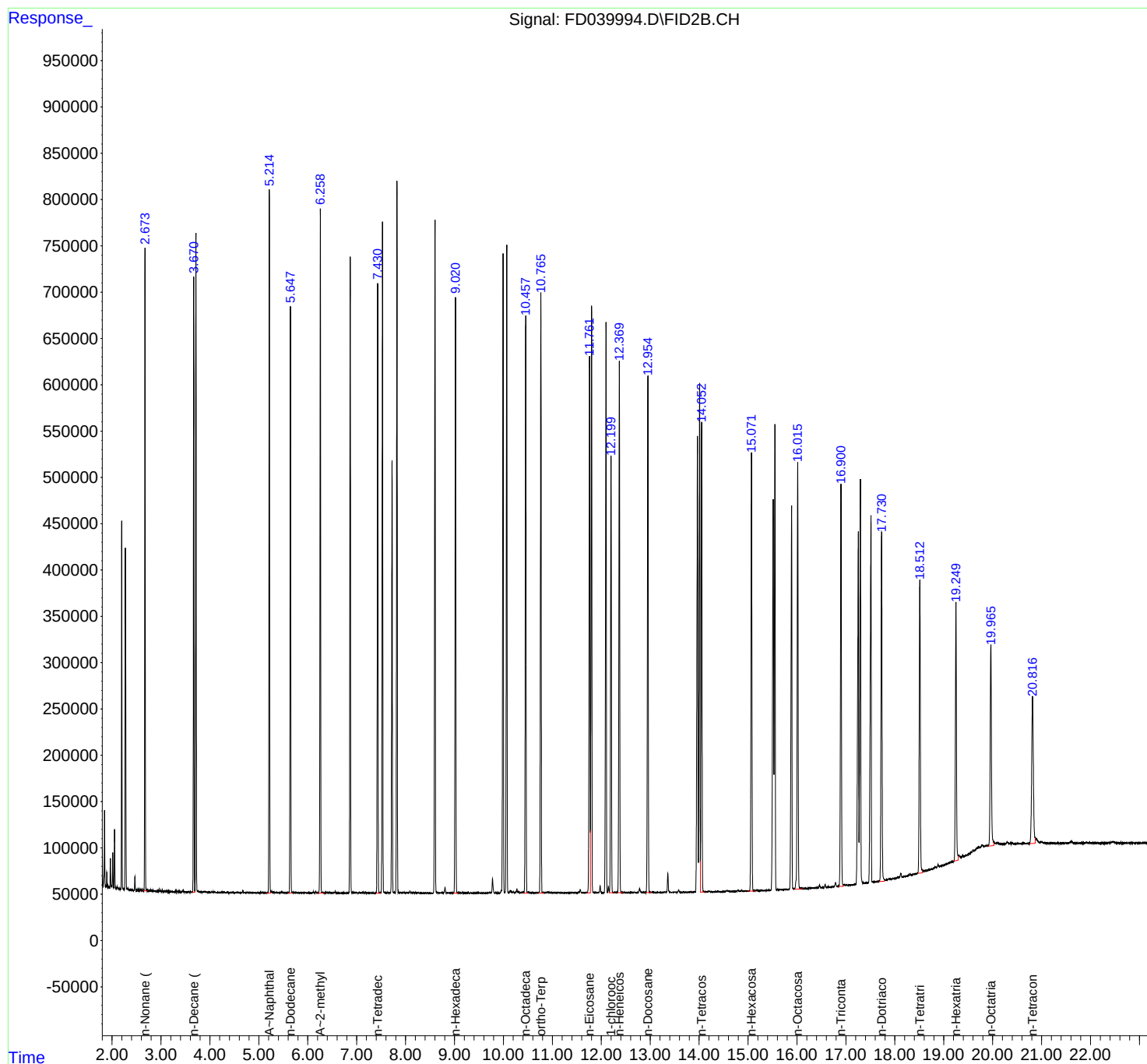
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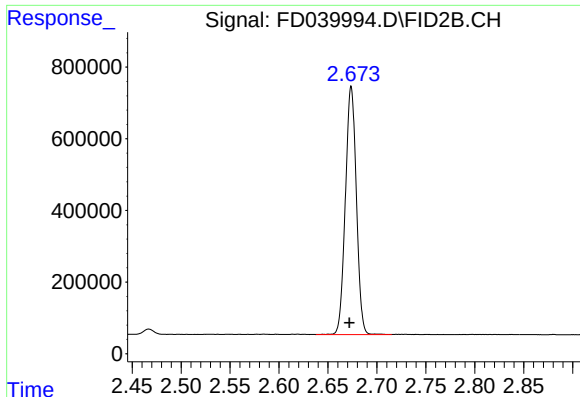
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#1 n-Nonane (C9)

R.T.: 2.674 min
Delta R.T.: 0.002 min
Response: 5405816
Conc: 38.41 ug/ml

Instrument :

FID_D

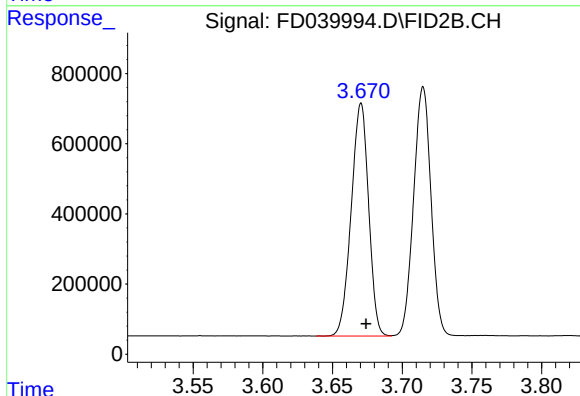
ClientSampleId :

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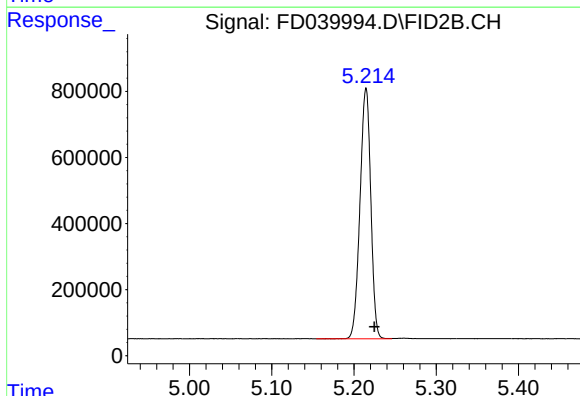
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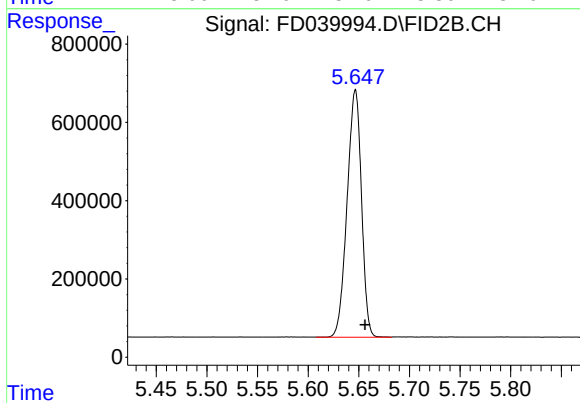
#2 n-Decane (C10)

R.T.: 3.670 min
Delta R.T.: -0.004 min
Response: 5761878
Conc: 40.40 ug/ml



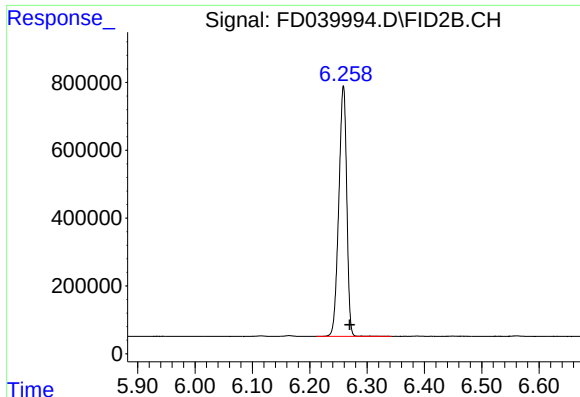
#3 A~Naphthalene (C11.7)

R.T.: 5.214 min
Delta R.T.: -0.011 min
Response: 6924178
Conc: 43.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 6248295
Conc: 43.76 ug/ml



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

R.T.: 6.258 min
Delta R.T.: -0.012 min
Response: 7120748
Conc: 44.12 ug/ml

Instrument :

FID_D

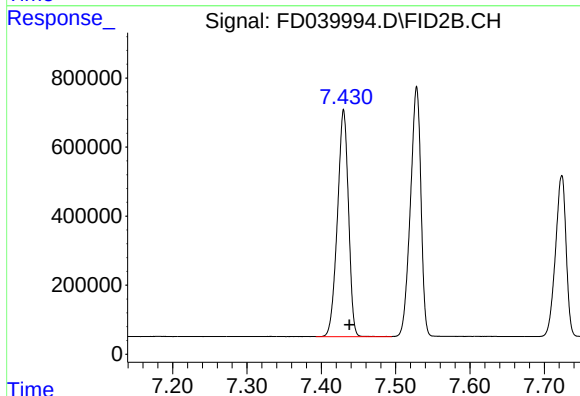
ClientSampleId :

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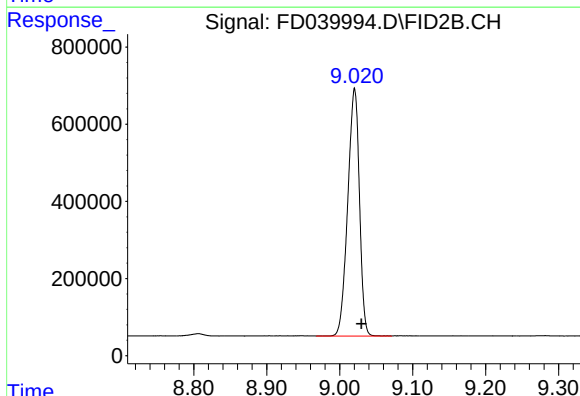
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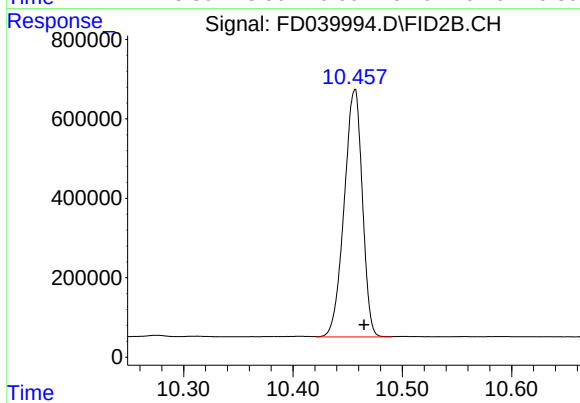
#6 n-Tetradecane (C14)

R.T.: 7.430 min
Delta R.T.: -0.008 min
Response: 6771305
Conc: 46.98 ug/ml



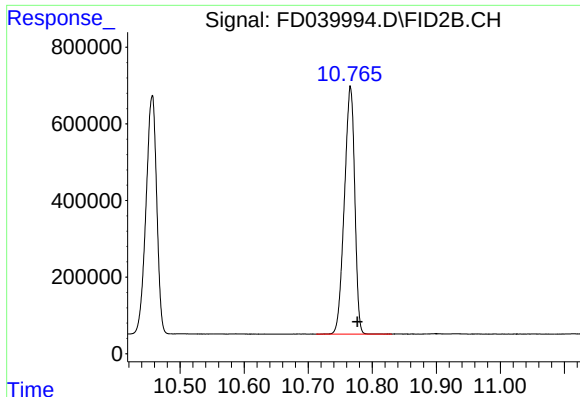
#7 n-Hexadecane (C16)

R.T.: 9.020 min
Delta R.T.: -0.010 min
Response: 7145774
Conc: 49.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.456 min
Delta R.T.: -0.009 min
Response: 7198057
Conc: 48.37 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.766 min
Delta R.T.: -0.011 min
Response: 7248329
Conc: 46.17 ug/ml

Instrument :

FID_D

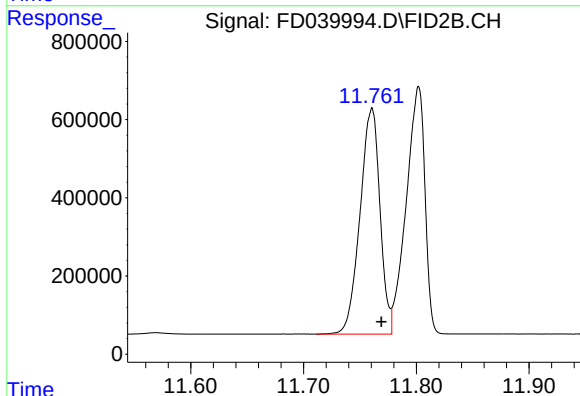
ClientSampleId :

PB141482BSD

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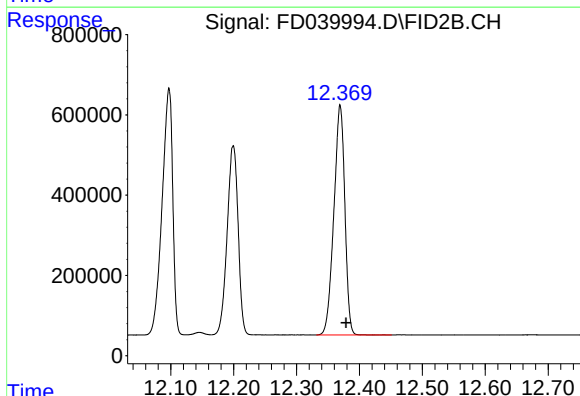
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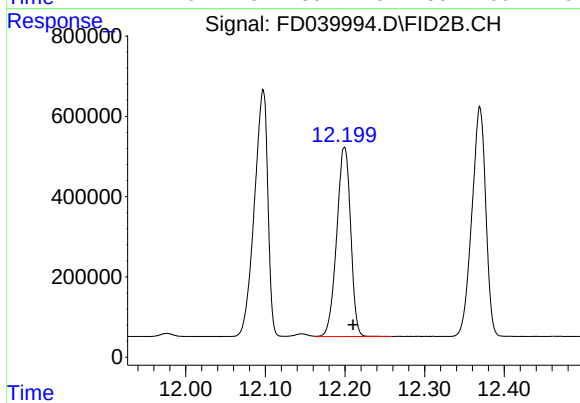
#10 n-Eicosane (C20)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 7108059
Conc: 48.60 ug/ml



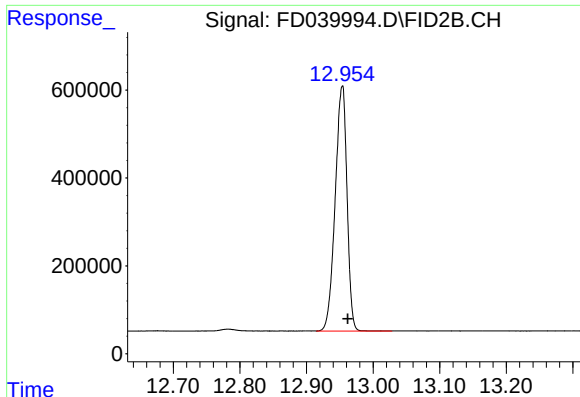
#11 n-Heneicosane (C21)

R.T.: 12.369 min
Delta R.T.: -0.010 min
Response: 6954885
Conc: 47.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.199 min
Delta R.T.: -0.011 min
Response: 5738947
Conc: 46.47 ug/ml



#13 n-Docosane (C22)

R.T.: 12.953 min
Delta R.T.: -0.009 min
Response: 6886690
Conc: 47.16 ug/ml

Instrument :

FID_D

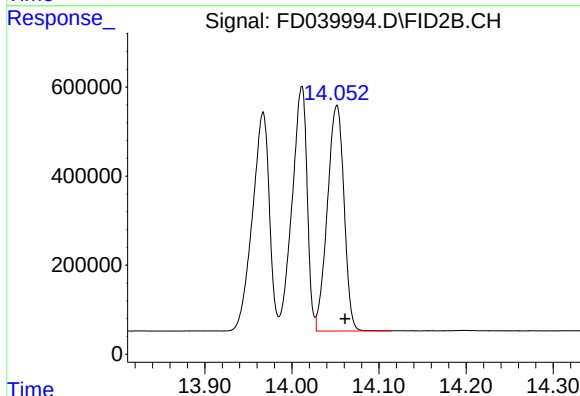
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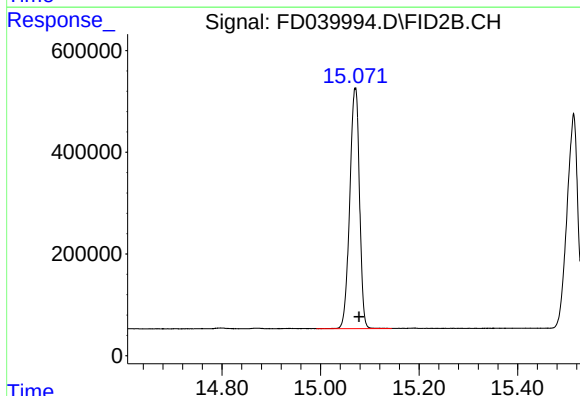
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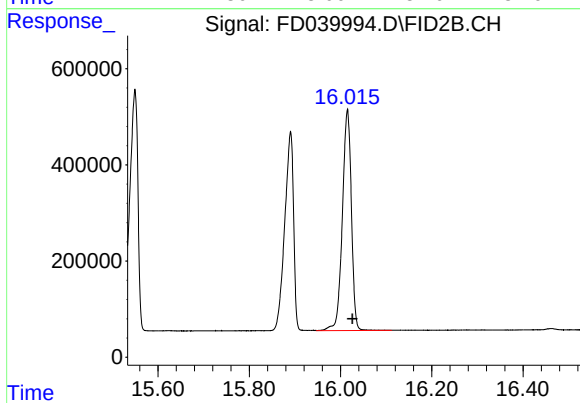
#14 n-Tetracosane (C24)

R.T.: 14.051 min
Delta R.T.: -0.010 min
Response: 6731415
Conc: 46.22 ug/ml



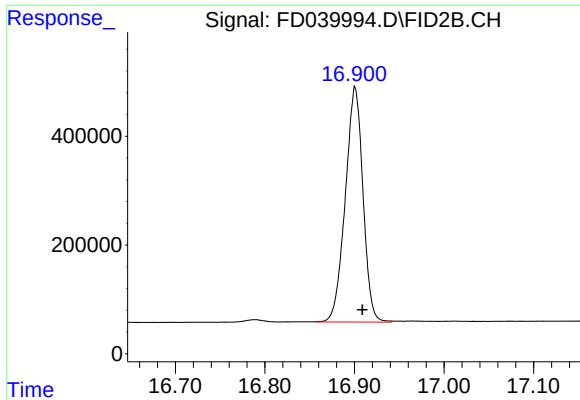
#15 n-Hexacosane (C26)

R.T.: 15.070 min
Delta R.T.: -0.008 min
Response: 6470439
Conc: 46.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.015 min
Delta R.T.: -0.011 min
Response: 6321712
Conc: 46.61 ug/ml



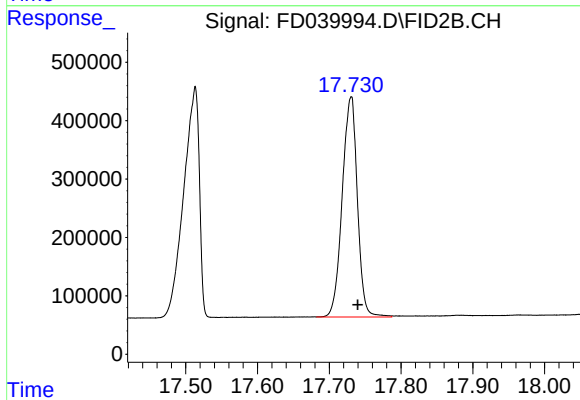
#17 n-Tricontane (C30)

R.T.: 16.900 min
Delta R.T.: -0.009 min
Response: 5934610
Conc: 45.42 ug/ml

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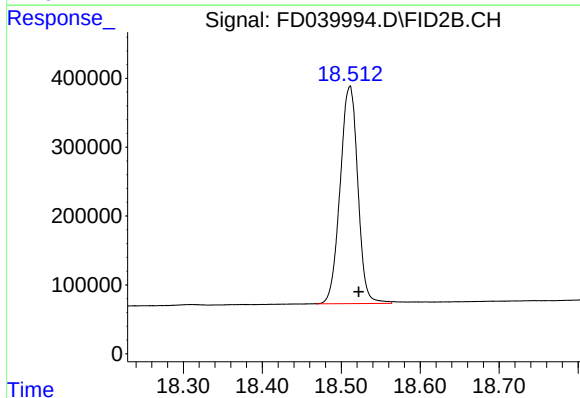
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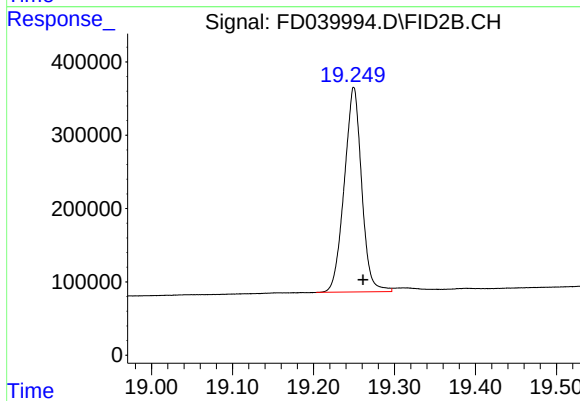
#18 n-Dotriacontane (C32)

R.T.: 17.730 min
Delta R.T.: -0.010 min
Response: 5542744
Conc: 44.54 ug/ml m



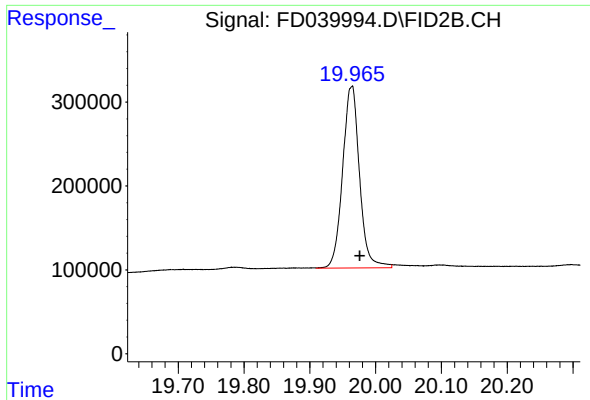
#19 n-Tetratriacontane (C34)

R.T.: 18.512 min
Delta R.T.: -0.010 min
Response: 4925474
Conc: 40.78 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.249 min
Delta R.T.: -0.012 min
Response: 4165531
Conc: 36.22 ug/ml m



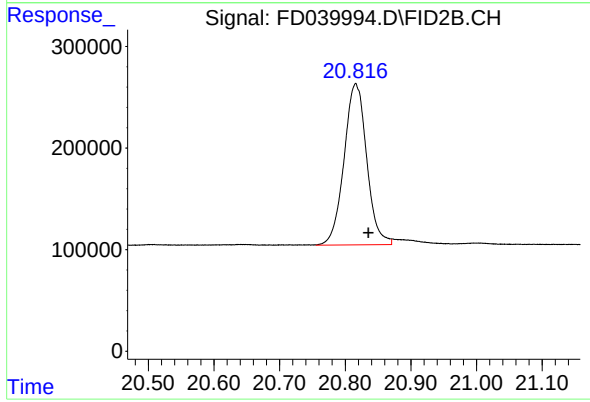
#21 n-Octatriacontane (C38)

R.T.: 19.965 min
Delta R.T.: -0.011 min
Response: 3869392
Conc: 34.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.816 min
Delta R.T.: -0.019 min
Response: 3807240
Conc: 33.41 ug/ml m