

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111821AL\
 Data File : FD039509.D
 Signal(s) : FID2B.CH
 Acq On : 19 Nov 2021 00:13
 Operator : AJ\MA
 Sample : M4736-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 VNJ-202MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 04:47:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.662	5497350	43.086 ug/ml
Spiked Amount 50.000		Recovery =	86.17%
12) S 1-chlorooctadecane (S...	13.088	4366339	42.014 ug/ml
Spiked Amount 50.000		Recovery =	84.03%
Target Compounds			
1) T n-Nonane (C9)	3.421	3773038	32.450 ug/ml
2) T n-Decane (C10)	4.492	4417110	37.782 ug/ml
3) T A~Naphthalene (C11.7)	6.083	5034694	39.065 ug/ml
4) T n-Dodecane (C12)	6.507	4816183	40.703 ug/ml
5) T A~2-methylnaphthalene...	7.138	5084158	38.712 ug/ml
6) T n-Tetradecane (C14)	8.301	5215122	44.245 ug/ml
7) T n-Hexadecane (C16)	9.898	5692368	47.503 ug/ml
8) T n-Octadecane (C18)	11.338	5994919	48.983 ug/ml
10) T n-Eicosane (C20)	12.645	5828543	47.260 ug/ml
11) T n-Heneicosane (C21)	13.254	5776808	46.131 ug/ml
13) T n-Docosane (C22)	13.839	5682059	45.748 ug/ml
14) T n-Tetracosane (C24)	14.937	10806304	87.052 ug/ml
15) T n-Hexacosane (C26)	15.957	5391198	43.886 ug/ml
16) T n-Octacosane (C28)	16.902	5362449	46.061 ug/ml
17) T n-Tricontane (C30)	17.787	5160274	43.808 ug/ml
18) T n-Dotriacontane (C32)	18.615	5022191	43.926 ug/ml
19) T n-Tetratriacontane (C34)	19.396	4601554	43.413 ug/ml
20) T n-Hexatriacontane (C36)	20.130	4179795	41.031 ug/mlm
21) T n-Octatriacontane (C38)	20.870	3886224	40.497 ug/ml
22) T n-Tetracontane (C40)	21.790	4069582	44.113 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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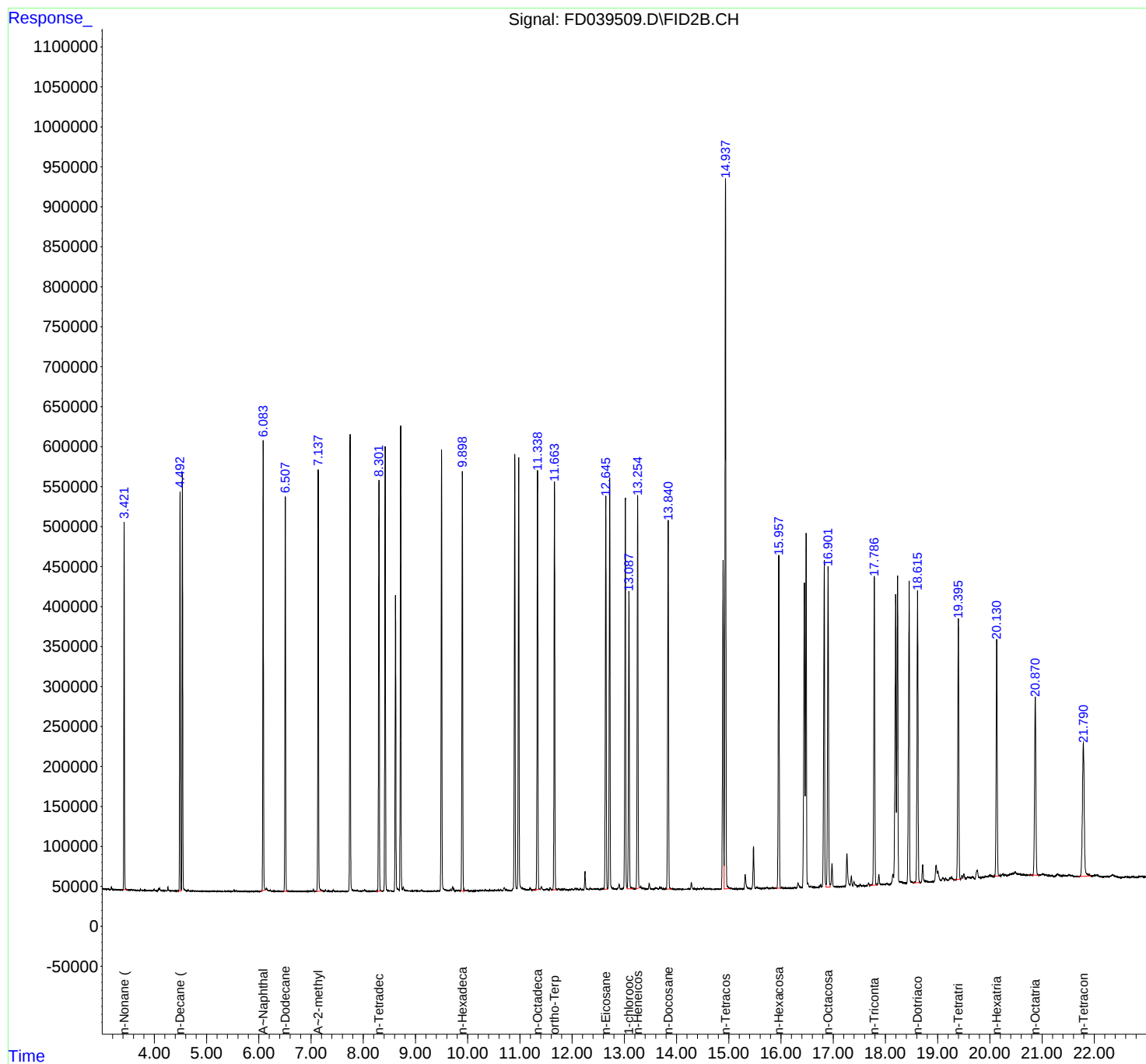
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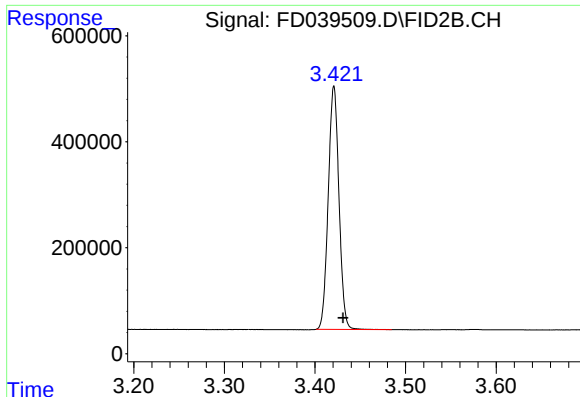
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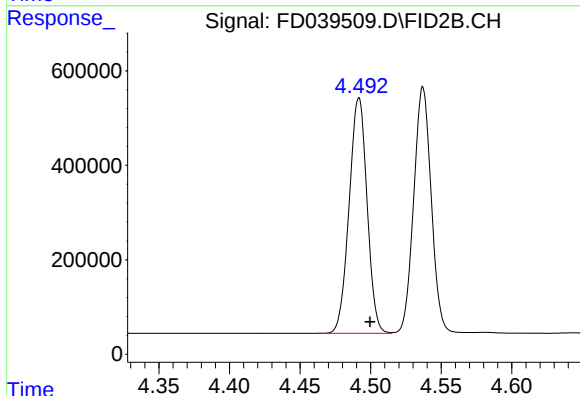
#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.010 min
Response: 3773038
Conc: 32.45 ug/ml

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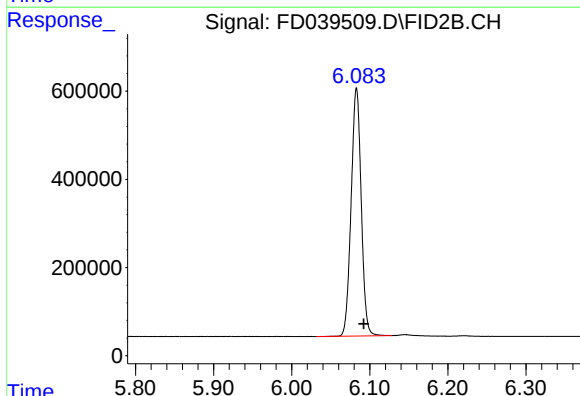
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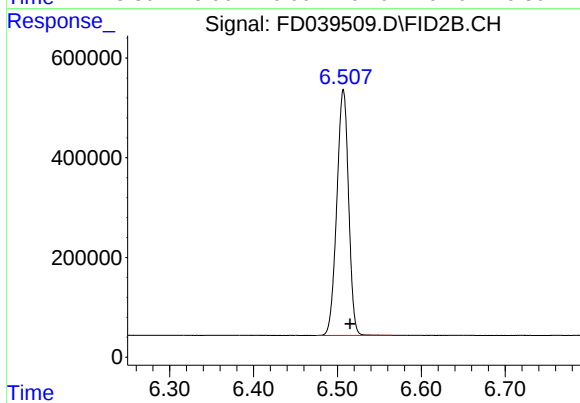
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.008 min
Response: 4417110
Conc: 37.78 ug/ml



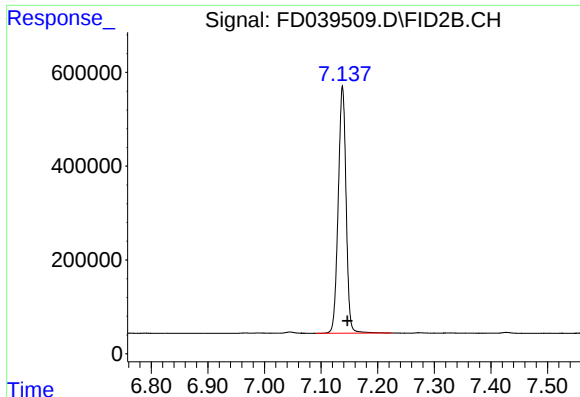
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.009 min
Response: 5034694
Conc: 39.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 4816183
Conc: 40.70 ug/ml



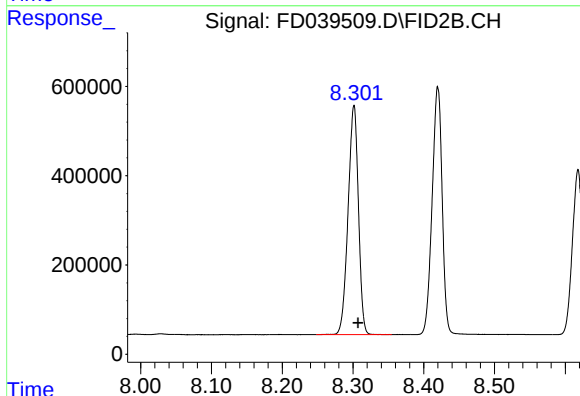
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.009 min
Response: 5084158
Conc: 38.71 ug/ml

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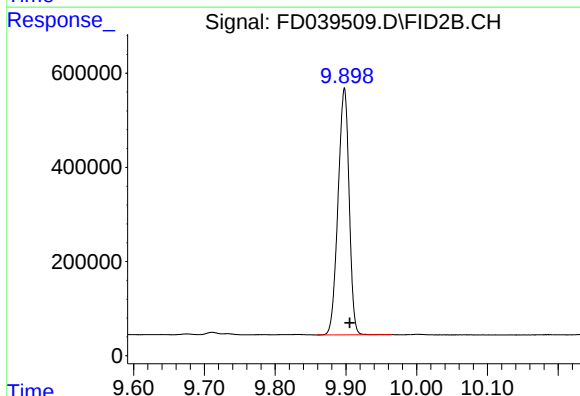
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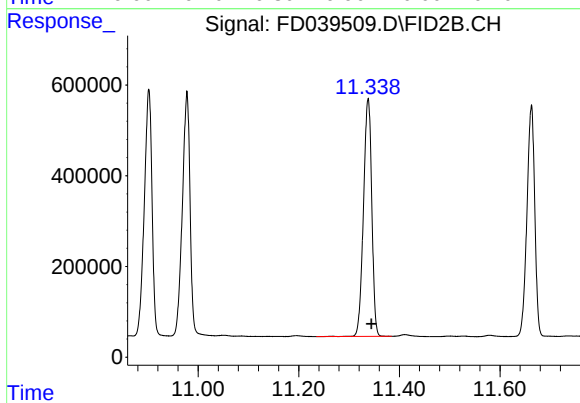
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.006 min
Response: 5215122
Conc: 44.25 ug/ml



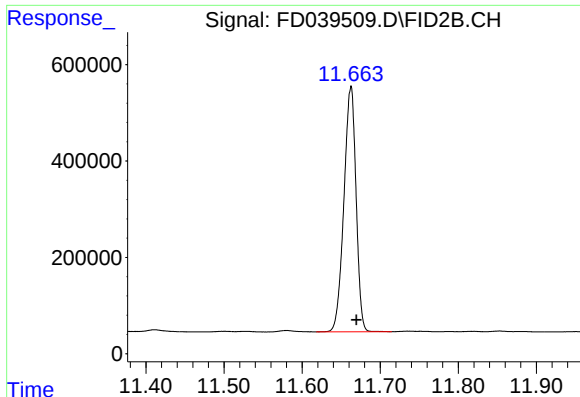
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.008 min
Response: 5692368
Conc: 47.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.007 min
Response: 5994919
Conc: 48.98 ug/ml



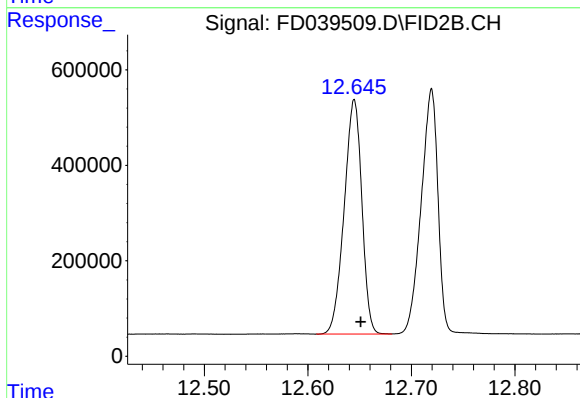
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.007 min
Response: 5497350
Conc: 43.09 ug/ml

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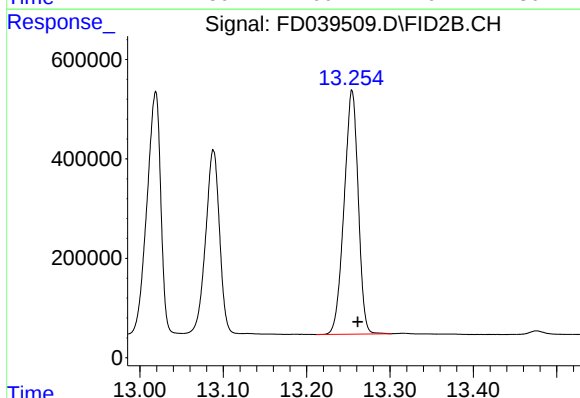
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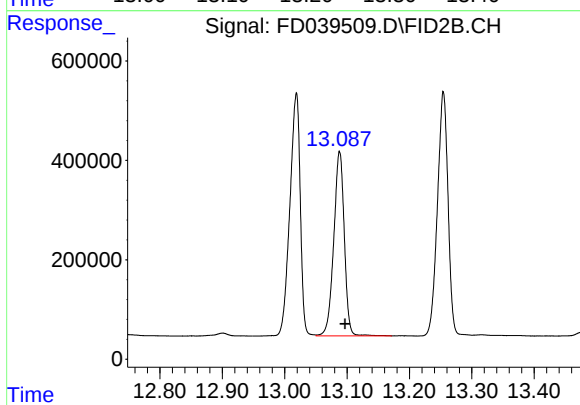
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.006 min
Response: 5828543
Conc: 47.26 ug/ml



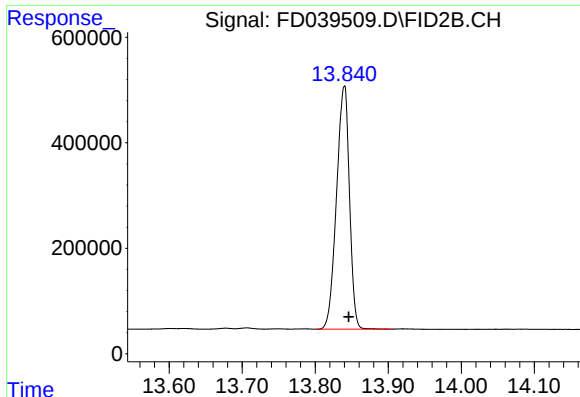
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.007 min
Response: 5776808
Conc: 46.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.009 min
Response: 4366339
Conc: 42.01 ug/ml



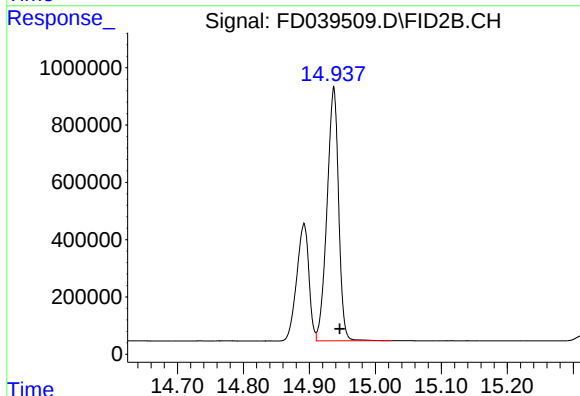
#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: -0.007 min
Response: 5682059
Conc: 45.75 ug/ml

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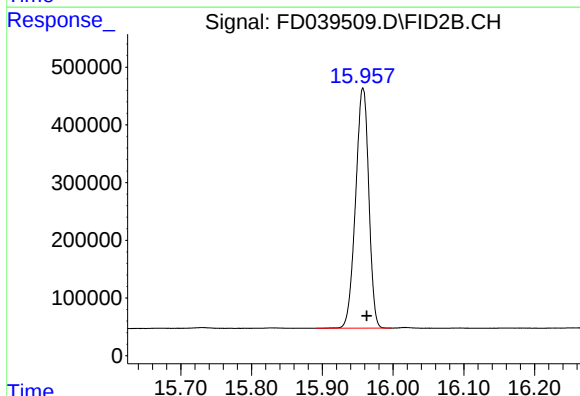
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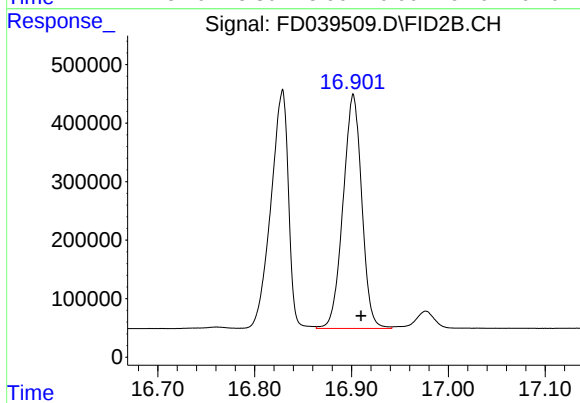
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.009 min
Response: 10806304
Conc: 87.05 ug/ml



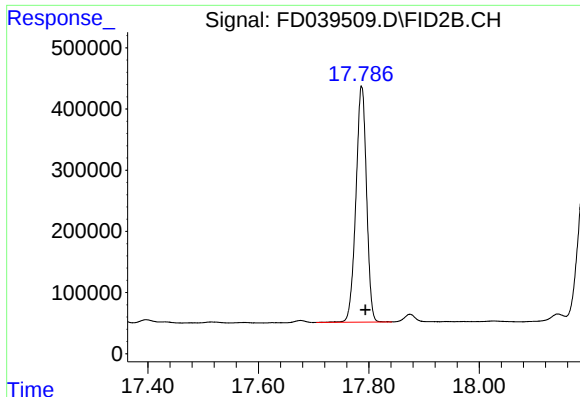
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.006 min
Response: 5391198
Conc: 43.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: -0.008 min
Response: 5362449
Conc: 46.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: -0.007 min
Response: 5160274
Conc: 43.81 ug/ml

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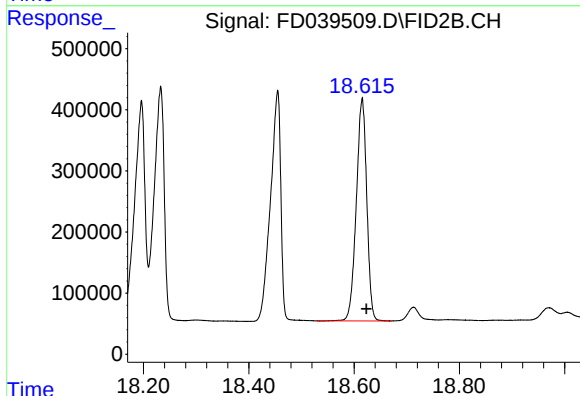
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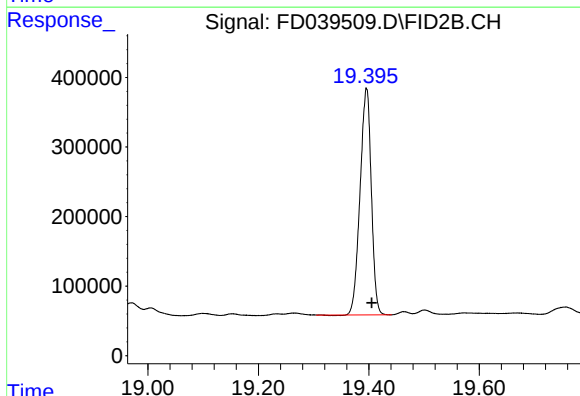
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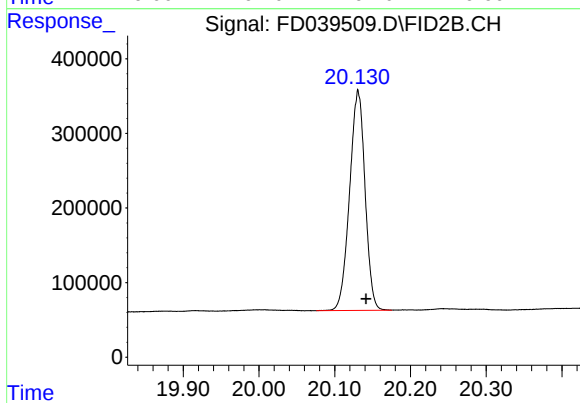
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.008 min
Response: 5022191
Conc: 43.93 ug/ml



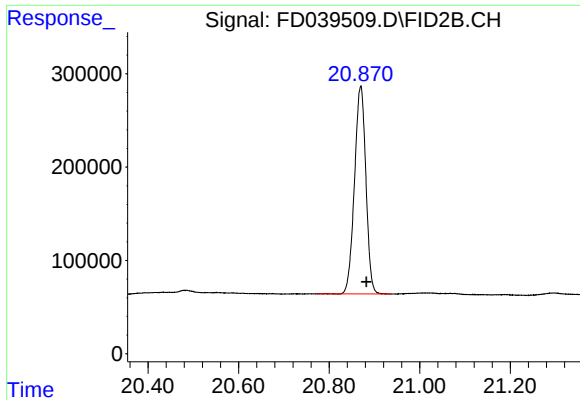
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: -0.010 min
Response: 4601554
Conc: 43.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.011 min
Response: 4179795
Conc: 41.03 ug/ml m



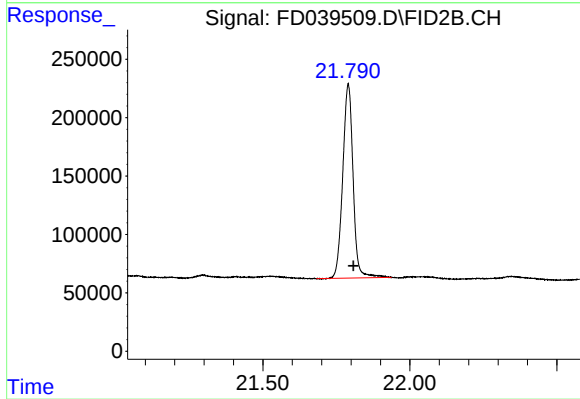
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: -0.013 min
Response: 3886224
Conc: 40.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.018 min
Response: 4069582
Conc: 44.11 ug/ml