

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039940.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 2:56
 Operator : AJ\MA
 Sample : M5044-21MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DA-21-4.5MSD

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 05:20:29 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)	10.792	7511775	47.850 ug/ml
Spiked Amount 50.000		Recovery =	95.70%
12) S 1-chlorooctadecane (S...	12.223	5835463	47.253 ug/ml
Spiked Amount 50.000		Recovery =	94.51%
Target Compounds			
1) T n-Nonane (C9)	2.681	8635068	61.362 ug/ml
2) T n-Decane (C10)	3.693	10046810	70.440 ug/mlm
3) T A~Naphthalene (C11.7)	5.251	21670080	134.995 ug/ml
4) T n-Dodecane (C12)	5.672	10453645	73.213 ug/mlm
5) T A~2-methylnaphthalene...	6.298	24117575	149.448 ug/mlm
6) T n-Tetradecane (C14)	7.453	7540315	52.316 ug/ml
7) T n-Hexadecane (C16)	9.042	6956295	47.817 ug/ml
8) T n-Octadecane (C18)	10.479	6771912	45.509 ug/ml
10) T n-Eicosane (C20)	11.782	6480097	44.308 ug/ml
11) T n-Heneicosane (C21)	12.390	6246496	42.516 ug/ml
13) T n-Docosane (C22)	12.974	6112886	41.861 ug/ml
14) T n-Tetracosane (C24)	14.074	5899700	40.508 ug/ml
15) T n-Hexacosane (C26)	15.093	5718949	40.775 ug/ml
16) T n-Octacosane (C28)	16.038	5589892	41.215 ug/ml
17) T n-Tricontane (C30)	16.923	5362146	41.035 ug/ml
18) T n-Dotriacontane (C32)	17.752	5044230	40.530 ug/ml
19) T n-Tetratriacontane (C34)	18.533	4423871	36.627 ug/mlm
20) T n-Hexatriacontane (C36)	19.271	3705668	32.223 ug/mlm
21) T n-Octatriacontane (C38)	19.987	3378695	30.269 ug/mlm
22) T n-Tetracontane (C40)	20.850	3402169	29.858 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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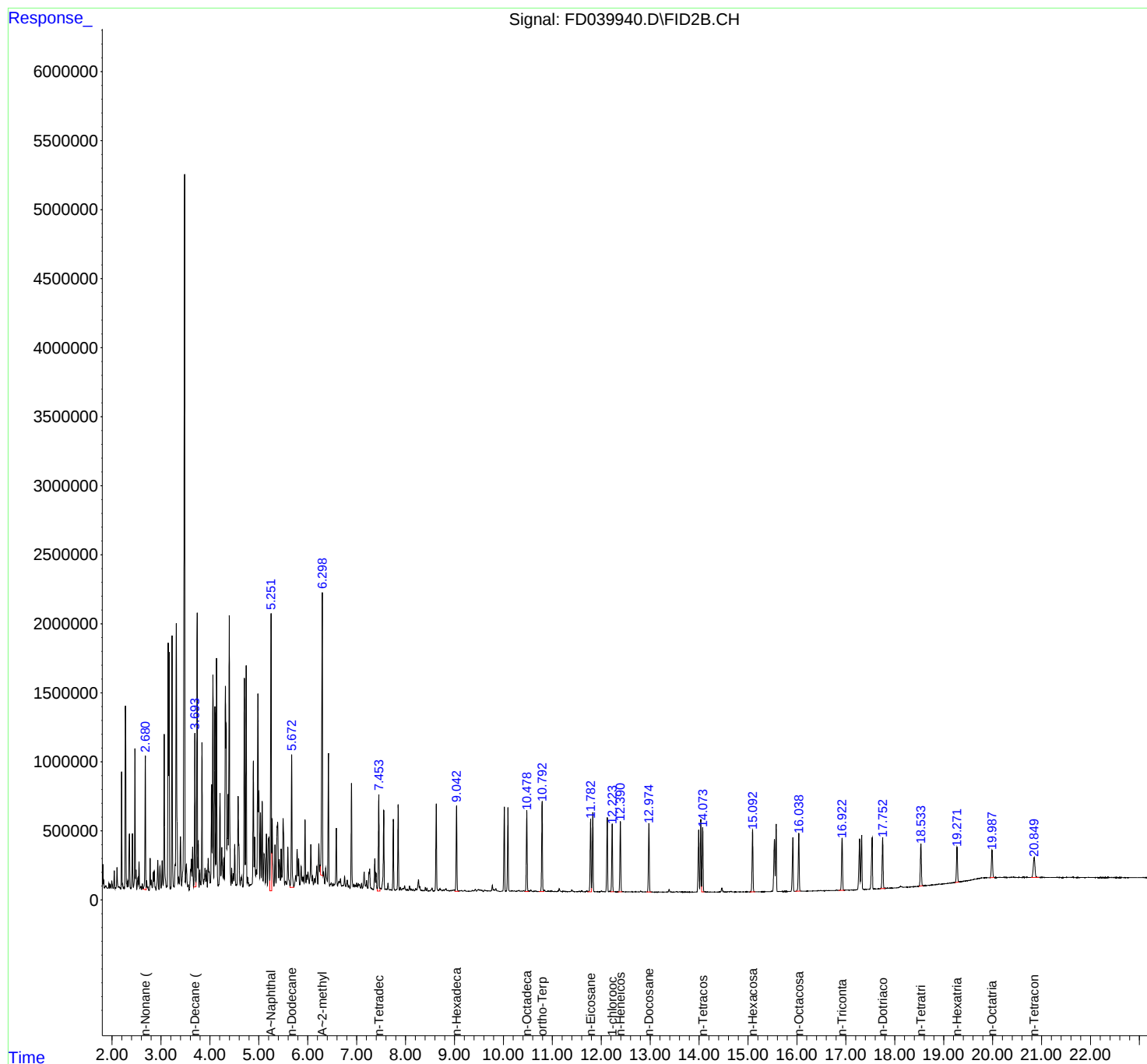
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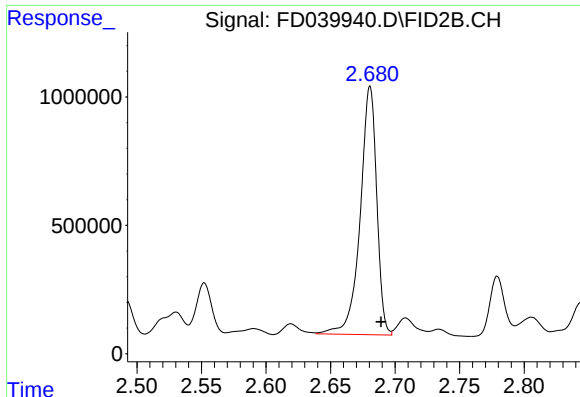
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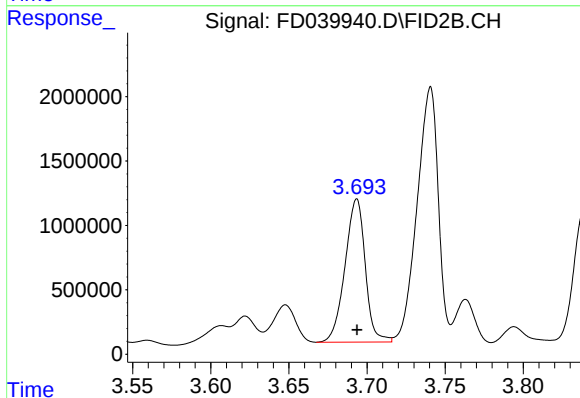
#1 n-Nonane (C9)

R.T.: 2.681 min
Delta R.T.: -0.008 min
Response: 8635068
Conc: 61.36 ug/ml

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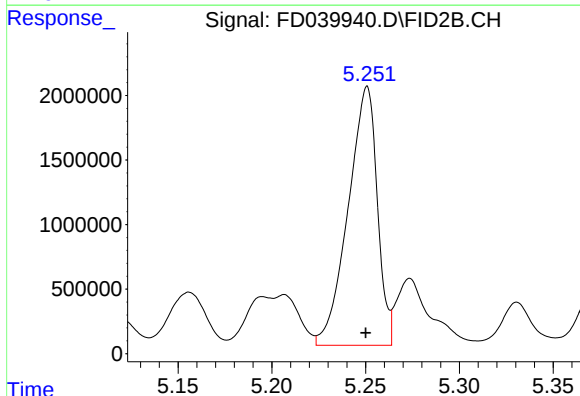
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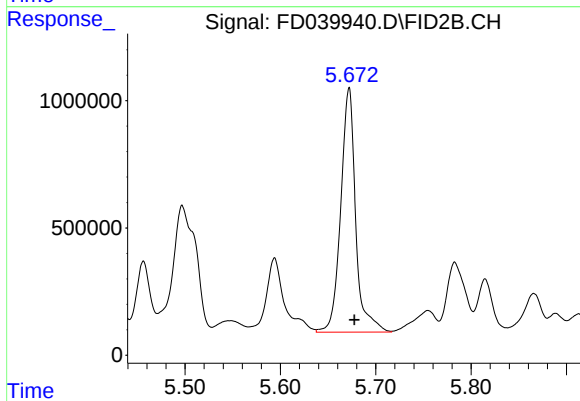
#2 n-Decane (C10)

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 10046810
Conc: 70.44 ug/ml m



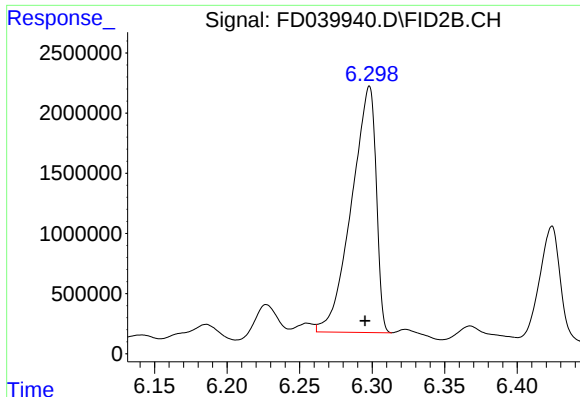
#3 A~Naphthalene (C11.7)

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 21670080
Conc: 135.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 10453645
Conc: 73.21 ug/ml m



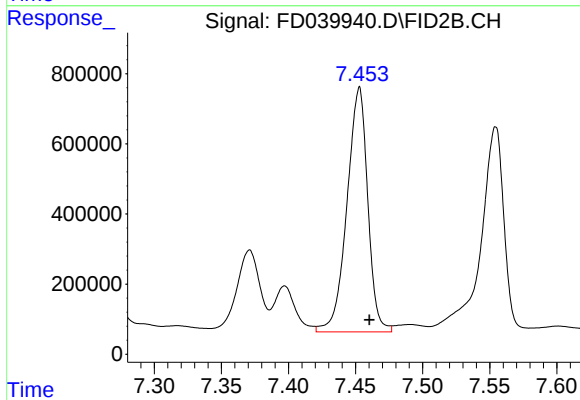
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 24117575
Conc: 149.45 ug/ml

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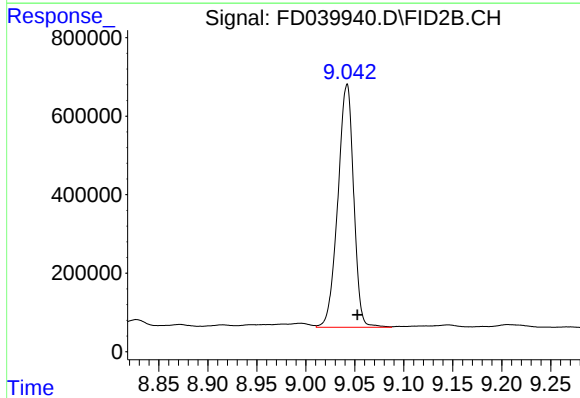
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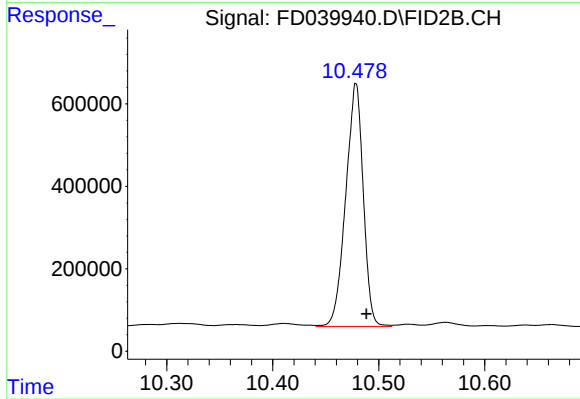
#6 n-Tetradecane (C14)

R.T.: 7.453 min
Delta R.T.: -0.007 min
Response: 7540315
Conc: 52.32 ug/ml



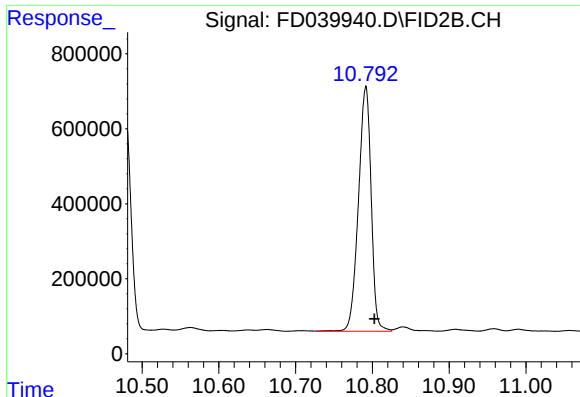
#7 n-Hexadecane (C16)

R.T.: 9.042 min
Delta R.T.: -0.011 min
Response: 6956295
Conc: 47.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.479 min
Delta R.T.: -0.010 min
Response: 6771912
Conc: 45.51 ug/ml



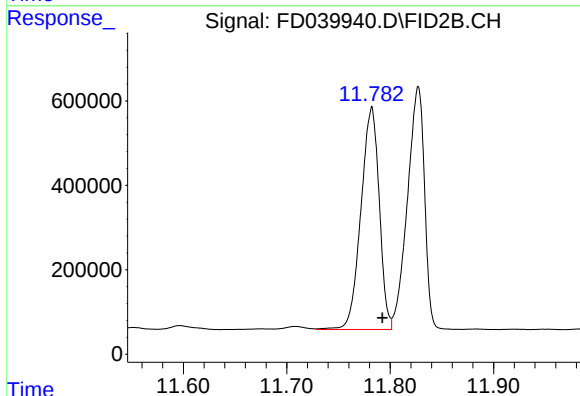
#9 ortho-Terphenyl (SURR)

R.T.: 10.792 min
Delta R.T.: -0.011 min
Response: 7511775
Conc: 47.85 ug/ml

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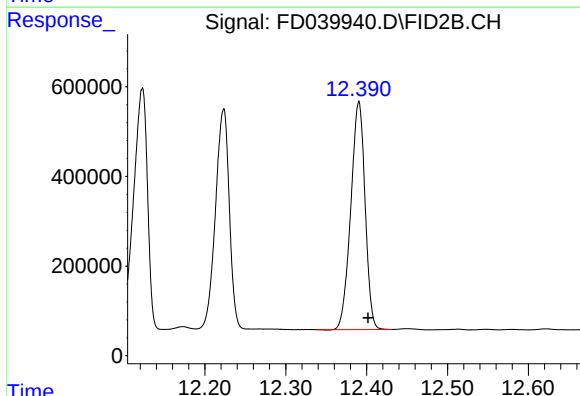
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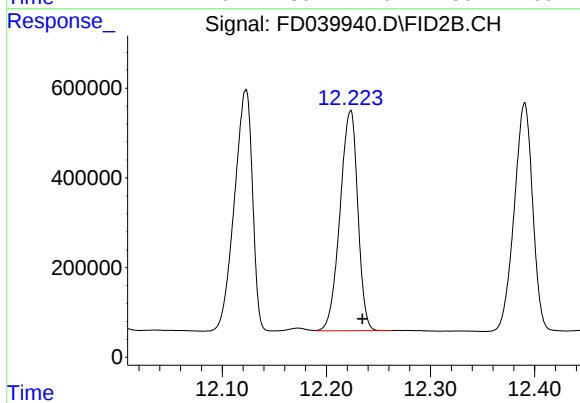
#10 n-Eicosane (C20)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 6480097
Conc: 44.31 ug/ml



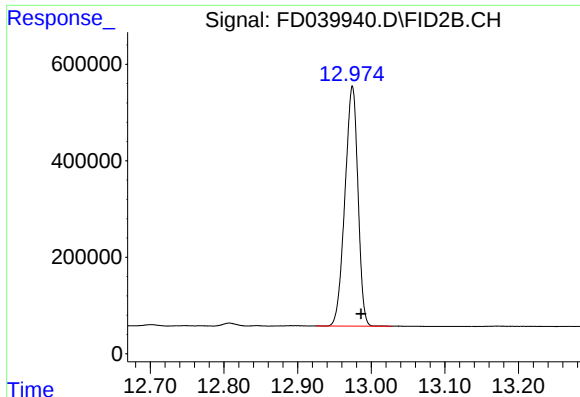
#11 n-Heneicosane (C21)

R.T.: 12.390 min
Delta R.T.: -0.011 min
Response: 6246496
Conc: 42.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.223 min
Delta R.T.: -0.011 min
Response: 5835463
Conc: 47.25 ug/ml



#13 n-Docosane (C22)

R.T.: 12.974 min
Delta R.T.: -0.012 min
Response: 6112886
Conc: 41.86 ug/ml

Instrument :

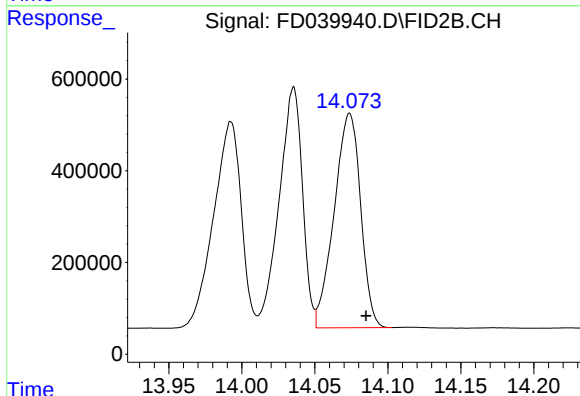
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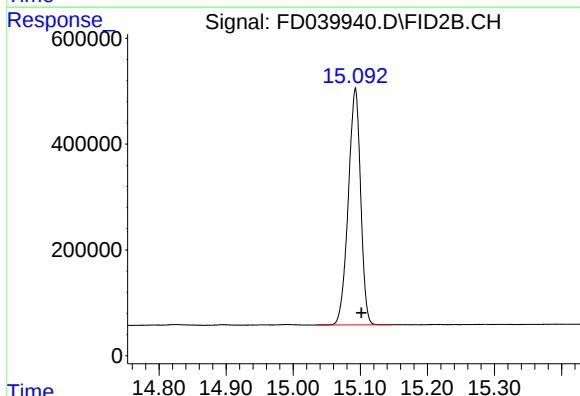
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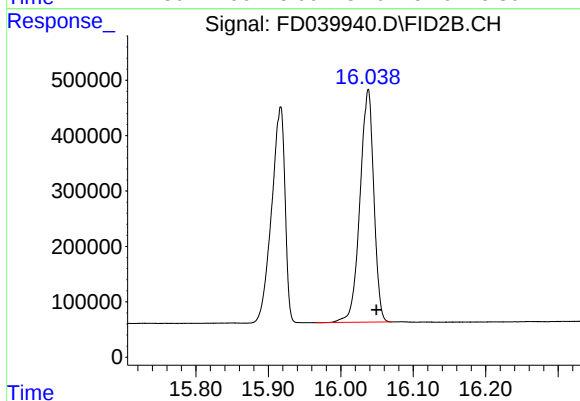
#14 n-Tetracosane (C24)

R.T.: 14.074 min
Delta R.T.: -0.011 min
Response: 5899700
Conc: 40.51 ug/ml



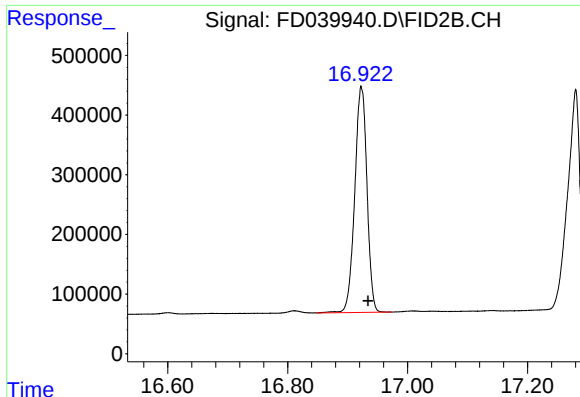
#15 n-Hexacosane (C26)

R.T.: 15.093 min
Delta R.T.: -0.009 min
Response: 5718949
Conc: 40.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.038 min
Delta R.T.: -0.011 min
Response: 5589892
Conc: 41.22 ug/ml



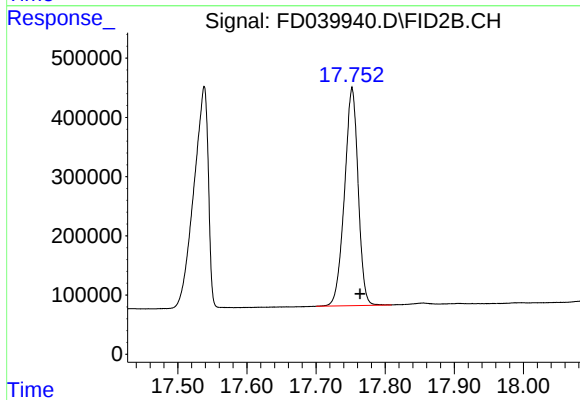
#17 n-Tricontane (C30)

R.T.: 16.923 min
Delta R.T.: -0.011 min
Response: 5362146
Conc: 41.03 ug/ml

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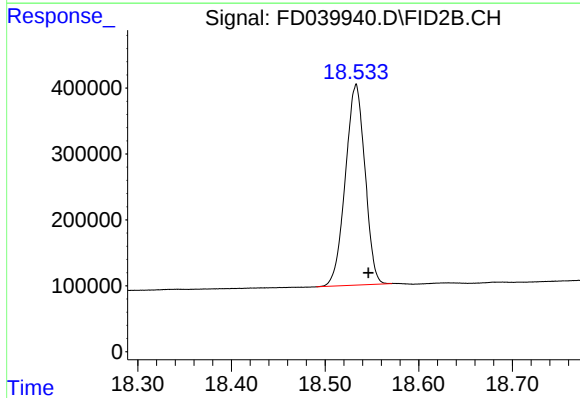
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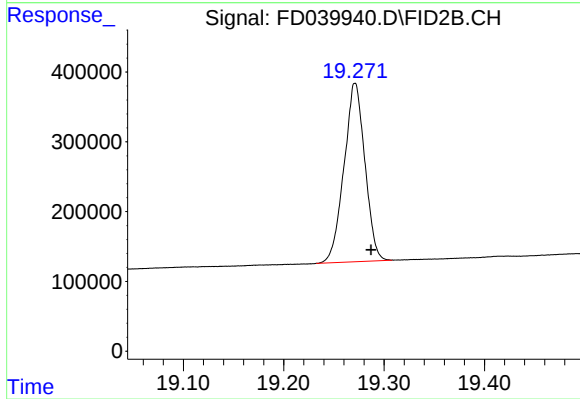
#18 n-Dotriacontane (C32)

R.T.: 17.752 min
Delta R.T.: -0.012 min
Response: 5044230
Conc: 40.53 ug/ml



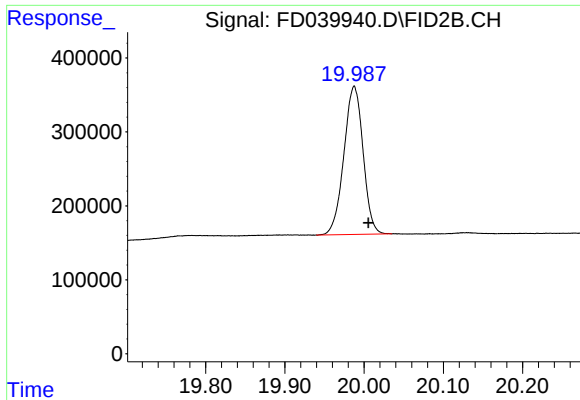
#19 n-Tetratriacontane (C34)

R.T.: 18.533 min
Delta R.T.: -0.013 min
Response: 4423871
Conc: 36.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.271 min
Delta R.T.: -0.016 min
Response: 3705668
Conc: 32.22 ug/ml m



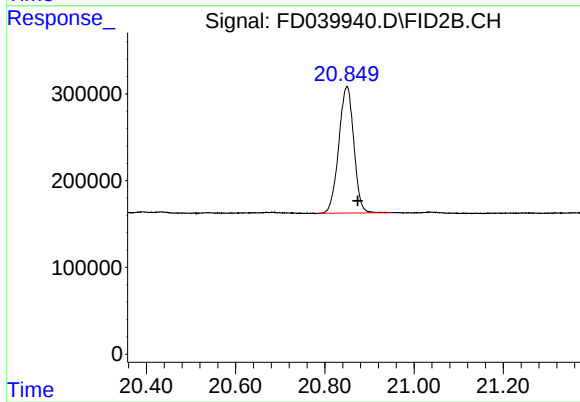
#21 n-Octatriacontane (C38)

R.T.: 19.987 min
Delta R.T.: -0.018 min
Response: 3378695
Conc: 30.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.850 min
Delta R.T.: -0.024 min
Response: 3402169
Conc: 29.86 ug/ml