

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121521AL\
 Data File : FD039935.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 00:08
 Operator : AJ\MA
 Sample : PB141410BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141410BSD

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 01:28:03 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)	10.795	7693019	49.004 ug/ml
Spiked Amount 50.000		Recovery =	98.01%
12) S 1-chlorooctadecane (S...	12.226	6052069	49.007 ug/ml
Spiked Amount 50.000		Recovery =	98.01%
Target Compounds			
1) T n-Nonane (C9)	2.690	5257671	37.362 ug/ml
2) T n-Decane (C10)	3.691	5779426	40.520 ug/ml
3) T A~Naphthalene (C11.7)	5.241	6870224	42.798 ug/ml
4) T n-Dodecane (C12)	5.670	6190435	43.356 ug/ml
5) T A~2-methylnaphthalene...	6.287	6913391	42.840 ug/ml
6) T n-Tetradecane (C14)	7.454	6365432	44.165 ug/ml
7) T n-Hexadecane (C16)	9.045	6592806	45.318 ug/ml
8) T n-Octadecane (C18)	10.481	6570236	44.154 ug/ml
10) T n-Eicosane (C20)	11.786	6407436	43.811 ug/ml
11) T n-Heneicosane (C21)	12.394	6316981	42.996 ug/ml
13) T n-Docosane (C22)	12.979	6228592	42.654 ug/ml
14) T n-Tetracosane (C24)	14.077	6057504	41.591 ug/ml
15) T n-Hexacosane (C26)	15.095	5858618	41.771 ug/ml
16) T n-Octacosane (C28)	16.041	5745998	42.366 ug/ml
17) T n-Tricontane (C30)	16.926	5434662	41.590 ug/ml
18) T n-Dotriacontane (C32)	17.755	5170473	41.545 ug/ml
19) T n-Tetratriacontane (C34)	18.536	4585583	37.966 ug/ml
20) T n-Hexatriacontane (C36)	19.274	3902750	33.936 ug/mlm
21) T n-Octatriacontane (C38)	19.992	3659810	32.788 ug/mlm
22) T n-Tetracontane (C40)	20.854	3631022	31.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 68 Sample Multiplier: 1

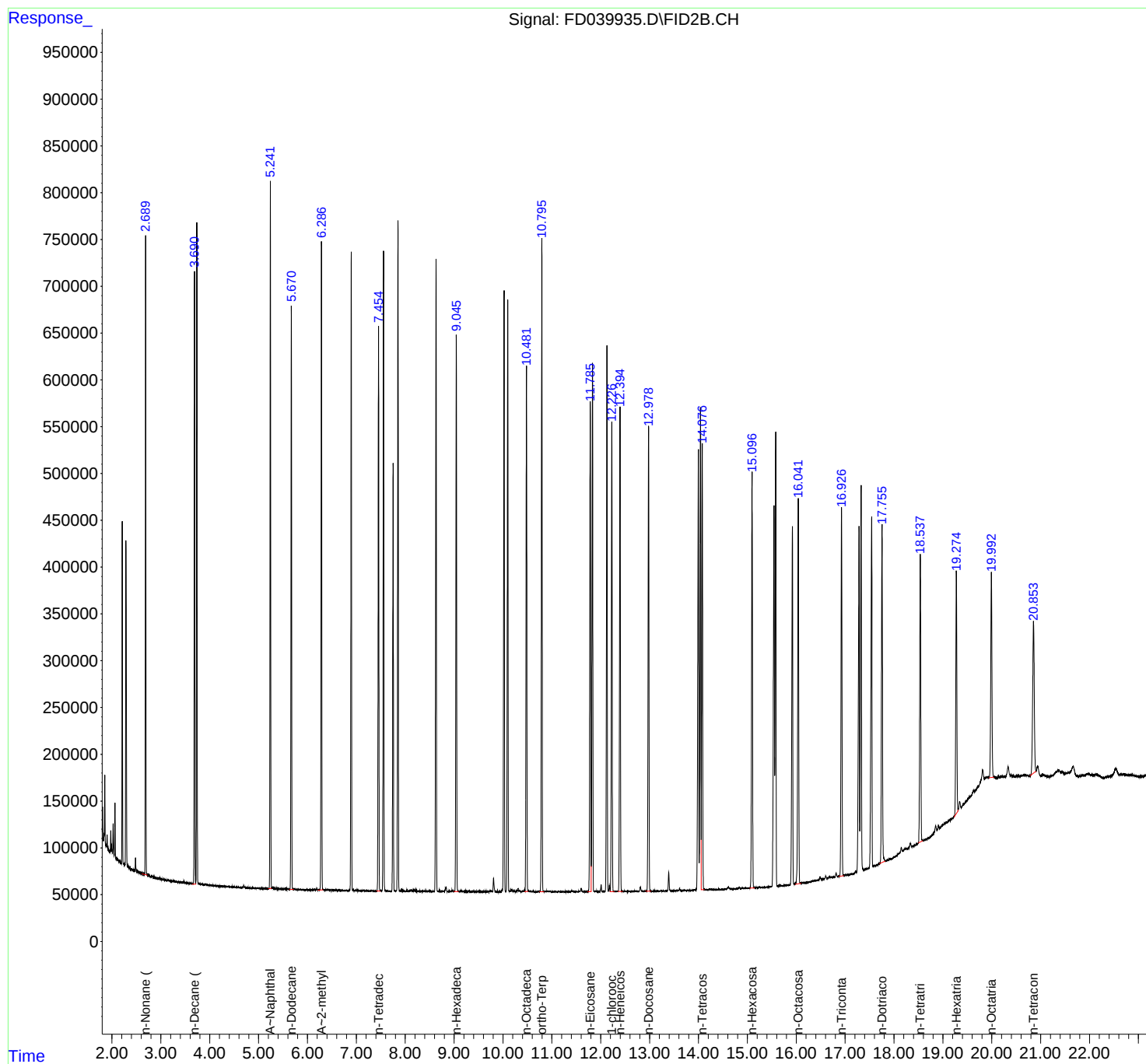
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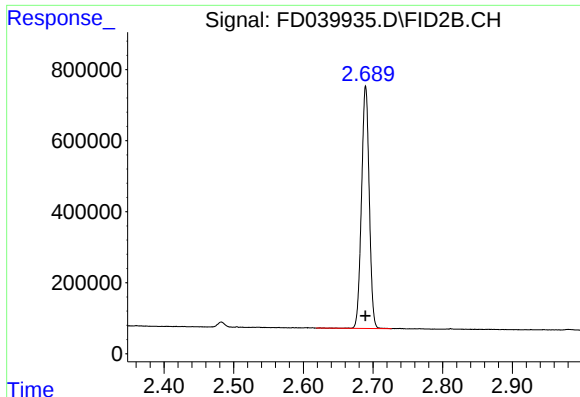
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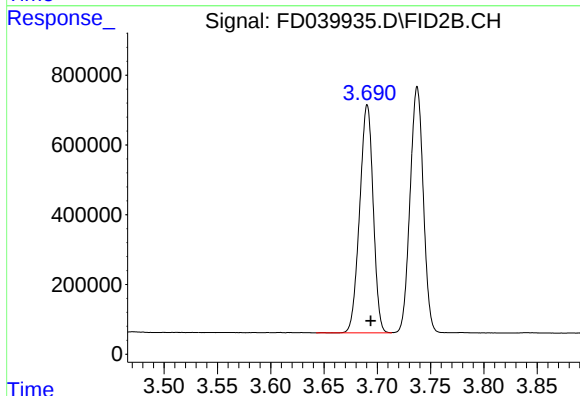
#1 n-Nonane (C9)

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 5257671
Conc: 37.36 ug/ml

Instrument :
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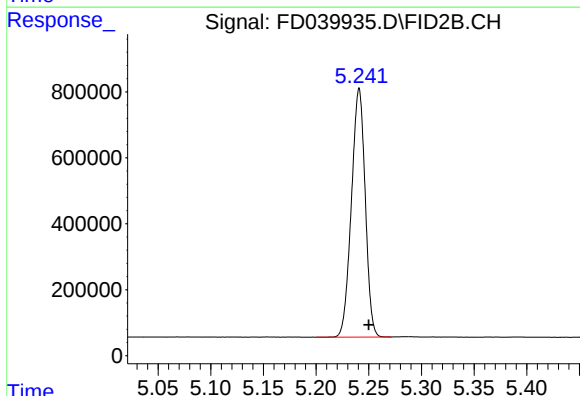
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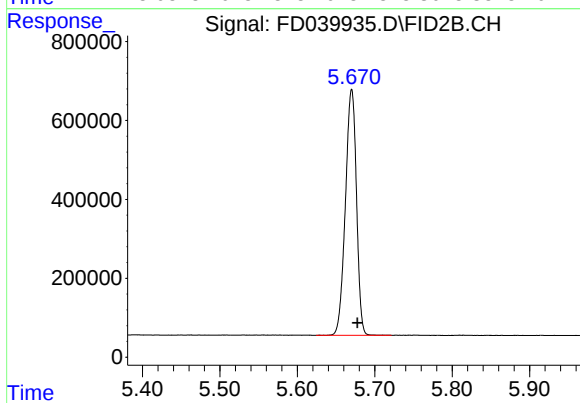
#2 n-Decane (C10)

R.T.: 3.691 min
Delta R.T.: -0.003 min
Response: 5779426
Conc: 40.52 ug/ml



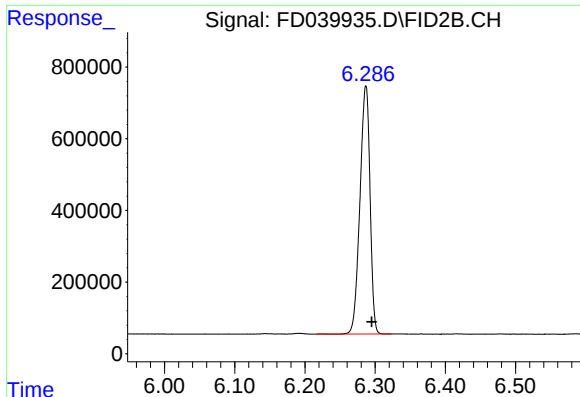
#3 A~Naphthalene (C11.7)

R.T.: 5.241 min
Delta R.T.: -0.009 min
Response: 6870224
Conc: 42.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.670 min
Delta R.T.: -0.007 min
Response: 6190435
Conc: 43.36 ug/ml



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

R.T.: 6.287 min
Delta R.T.: -0.008 min
Response: 6913391
Conc: 42.84 ug/ml

Instrument :

FID_D

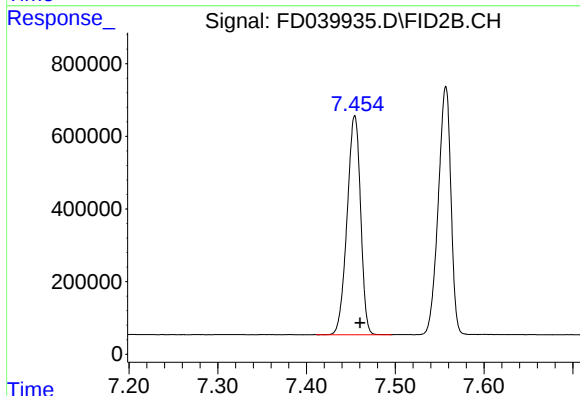
ClientSampleId :

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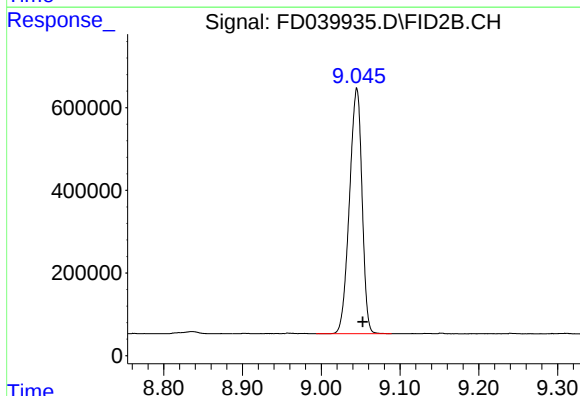
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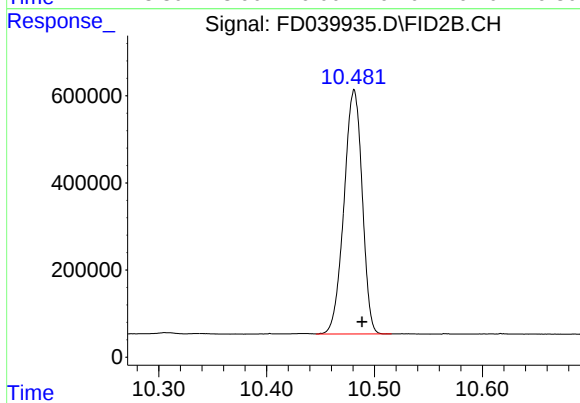
#6 n-Tetradecane (C14)

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 6365432
Conc: 44.16 ug/ml



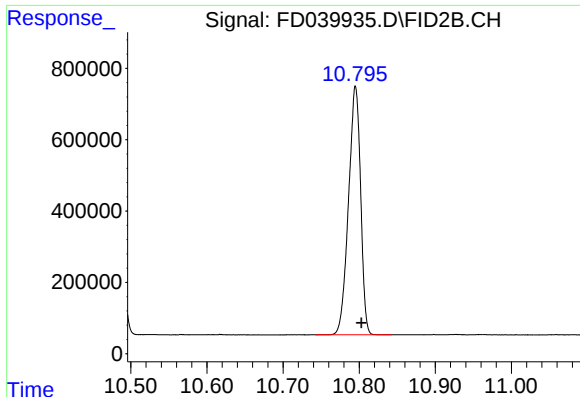
#7 n-Hexadecane (C16)

R.T.: 9.045 min
Delta R.T.: -0.008 min
Response: 6592806
Conc: 45.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.481 min
Delta R.T.: -0.007 min
Response: 6570236
Conc: 44.15 ug/ml



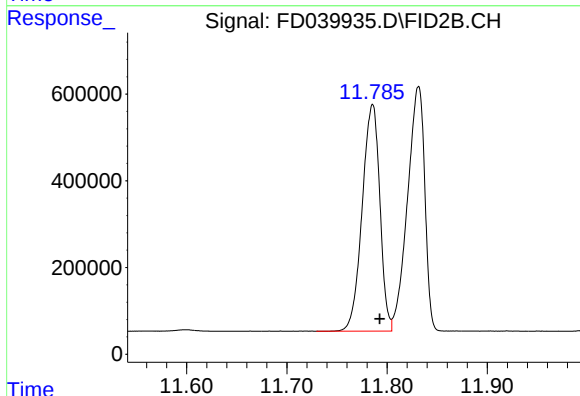
#9 ortho-Terphenyl (SURR)

R.T.: 10.795 min
Delta R.T.: -0.008 min
Response: 7693019
Conc: 49.00 ug/ml

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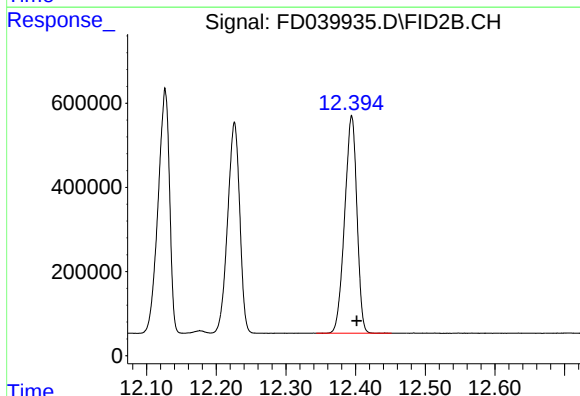
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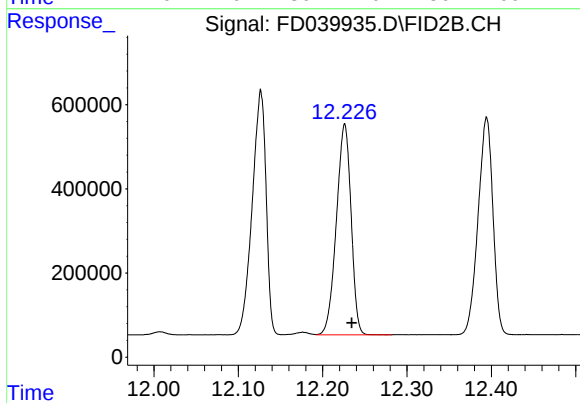
#10 n-Eicosane (C20)

R.T.: 11.786 min
Delta R.T.: -0.007 min
Response: 6407436
Conc: 43.81 ug/ml



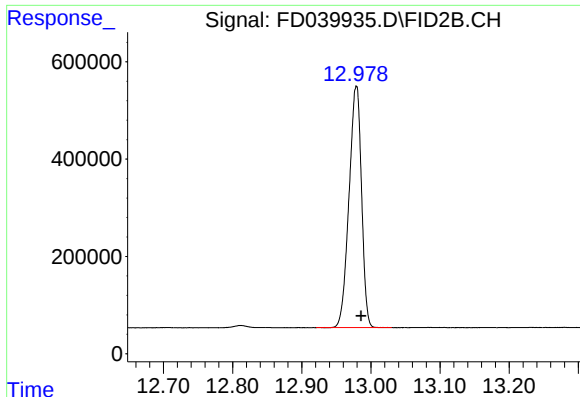
#11 n-Heneicosane (C21)

R.T.: 12.394 min
Delta R.T.: -0.007 min
Response: 6316981
Conc: 43.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.226 min
Delta R.T.: -0.008 min
Response: 6052069
Conc: 49.01 ug/ml



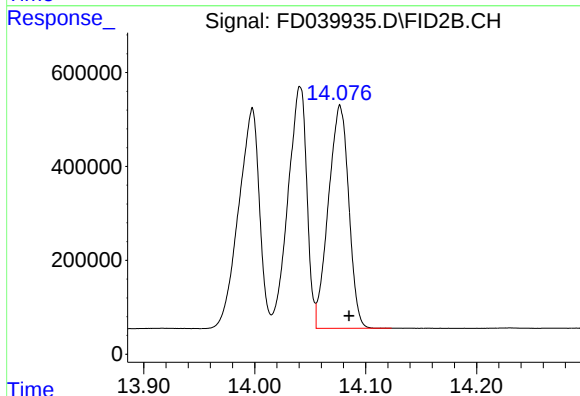
#13 n-Docosane (C22)

R.T.: 12.979 min
Delta R.T.: -0.007 min
Response: 6228592
Conc: 42.65 ug/ml

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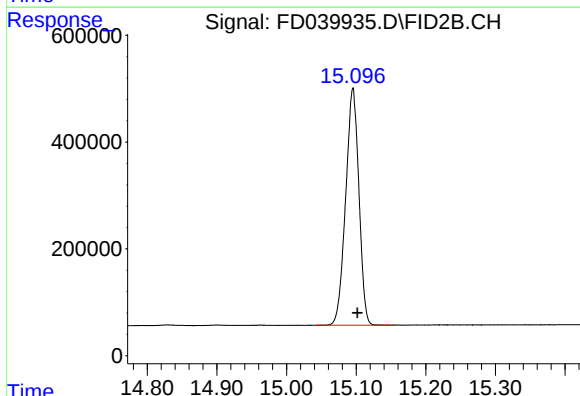
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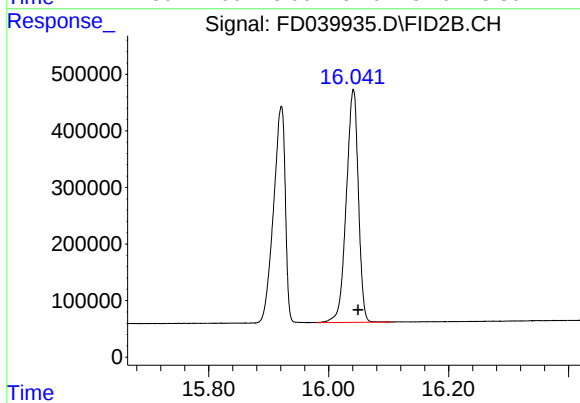
#14 n-Tetracosane (C24)

R.T.: 14.077 min
Delta R.T.: -0.008 min
Response: 6057504
Conc: 41.59 ug/ml



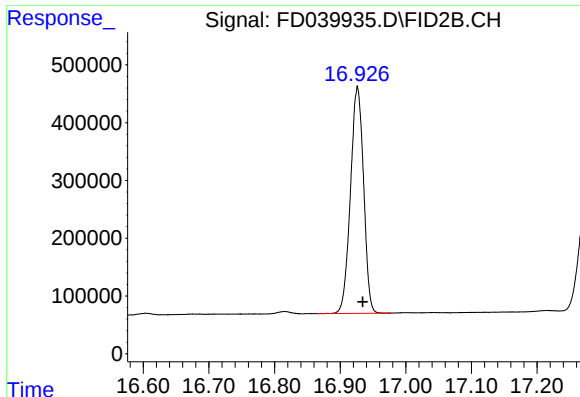
#15 n-Hexacosane (C26)

R.T.: 15.095 min
Delta R.T.: -0.007 min
Response: 5858618
Conc: 41.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.041 min
Delta R.T.: -0.008 min
Response: 5745998
Conc: 42.37 ug/ml



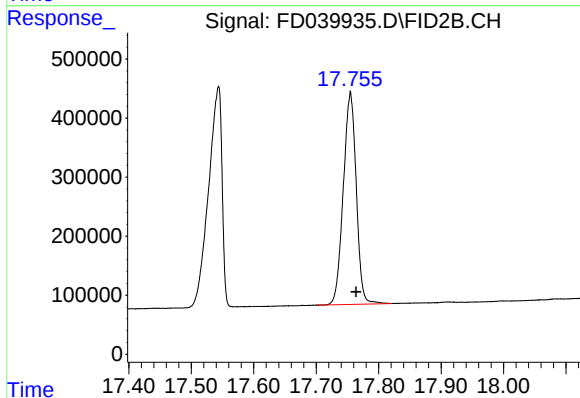
#17 n-Tricontane (C30)

R.T.: 16.926 min
Delta R.T.: -0.008 min
Response: 5434662
Conc: 41.59 ug/ml

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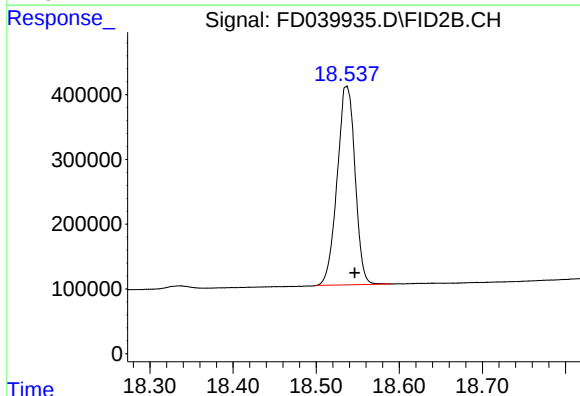
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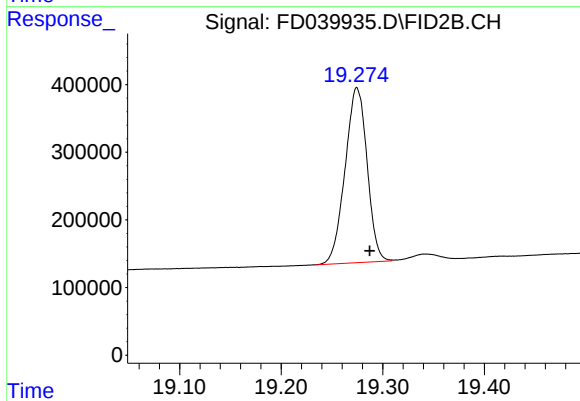
#18 n-Dotriacontane (C32)

R.T.: 17.755 min
Delta R.T.: -0.009 min
Response: 5170473
Conc: 41.54 ug/ml



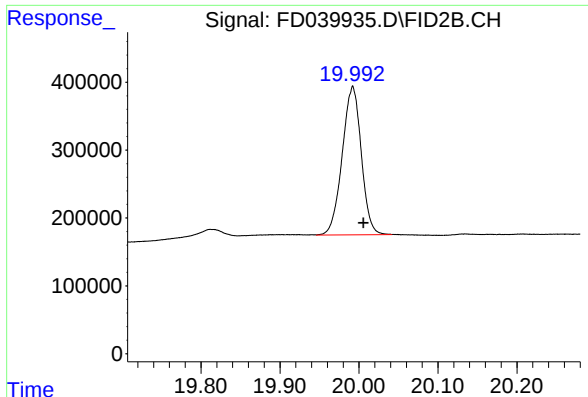
#19 n-Tetratriacontane (C34)

R.T.: 18.536 min
Delta R.T.: -0.010 min
Response: 4585583
Conc: 37.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.274 min
Delta R.T.: -0.013 min
Response: 3902750
Conc: 33.94 ug/ml m



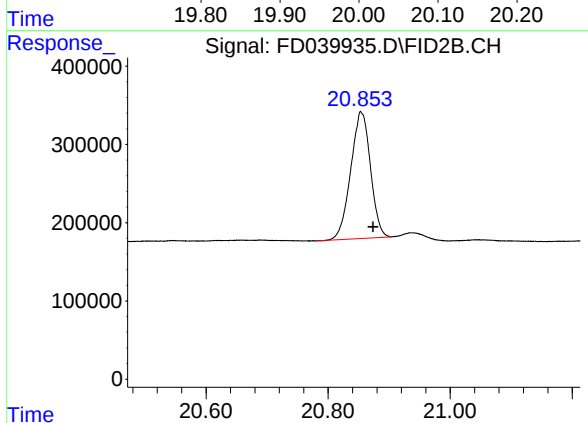
#21 n-Octatriacontane (C38)

R.T.: 19.992 min
Delta R.T.: -0.014 min
Response: 3659810
Conc: 32.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.854 min
Delta R.T.: -0.020 min
Response: 3631022
Conc: 31.87 ug/ml