

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040003.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 17:54
 Operator : AJ\MA
 Sample : M5097-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ETGI-371MS

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 23:43:56 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)	10.762	6702863	42.697 ug/ml
Spiked Amount 50.000		Recovery =	85.39%
12) S 1-chlorooctadecane (S...	12.196	5222857	42.293 ug/ml
Spiked Amount 50.000		Recovery =	84.59%
Target Compounds			
1) T n-Nonane (C9)	2.664	4124902	29.312 ug/ml
2) T n-Decane (C10)	3.664	4716121	33.065 ug/ml
3) T A~Naphthalene (C11.7)	5.211	5885940	36.667 ug/ml
4) T n-Dodecane (C12)	5.643	5171481	36.219 ug/ml
5) T A~2-methylnaphthalene...	6.255	6058754	37.544 ug/ml
6) T n-Tetradecane (C14)	7.427	5767334	40.015 ug/ml
7) T n-Hexadecane (C16)	9.017	6421536	44.141 ug/ml
8) T n-Octadecane (C18)	10.453	6596023	44.327 ug/ml
10) T n-Eicosane (C20)	11.757	6516080	44.554 ug/ml
11) T n-Heneicosane (C21)	12.366	6380401	43.428 ug/ml
13) T n-Docosane (C22)	12.950	6399388	43.823 ug/ml
14) T n-Tetracosane (C24)	14.048	6154355	42.256 ug/ml
15) T n-Hexacosane (C26)	15.067	5898497	42.055 ug/mlm
16) T n-Octacosane (C28)	16.012	5694577	41.987 ug/mlm
17) T n-Tricontane (C30)	16.897	5463268	41.808 ug/mlm
18) T n-Dotriacontane (C32)	17.727	5187684	41.683 ug/mlm
19) T n-Tetratriacontane (C34)	18.508	4696039	38.880 ug/mlm
20) T n-Hexatriacontane (C36)	19.244	3903920	33.946 ug/mlm
21) T n-Octatriacontane (C38)	19.959	3650338	32.703 ug/mlm
22) T n-Tetracontane (C40)	20.809	3579700	31.416 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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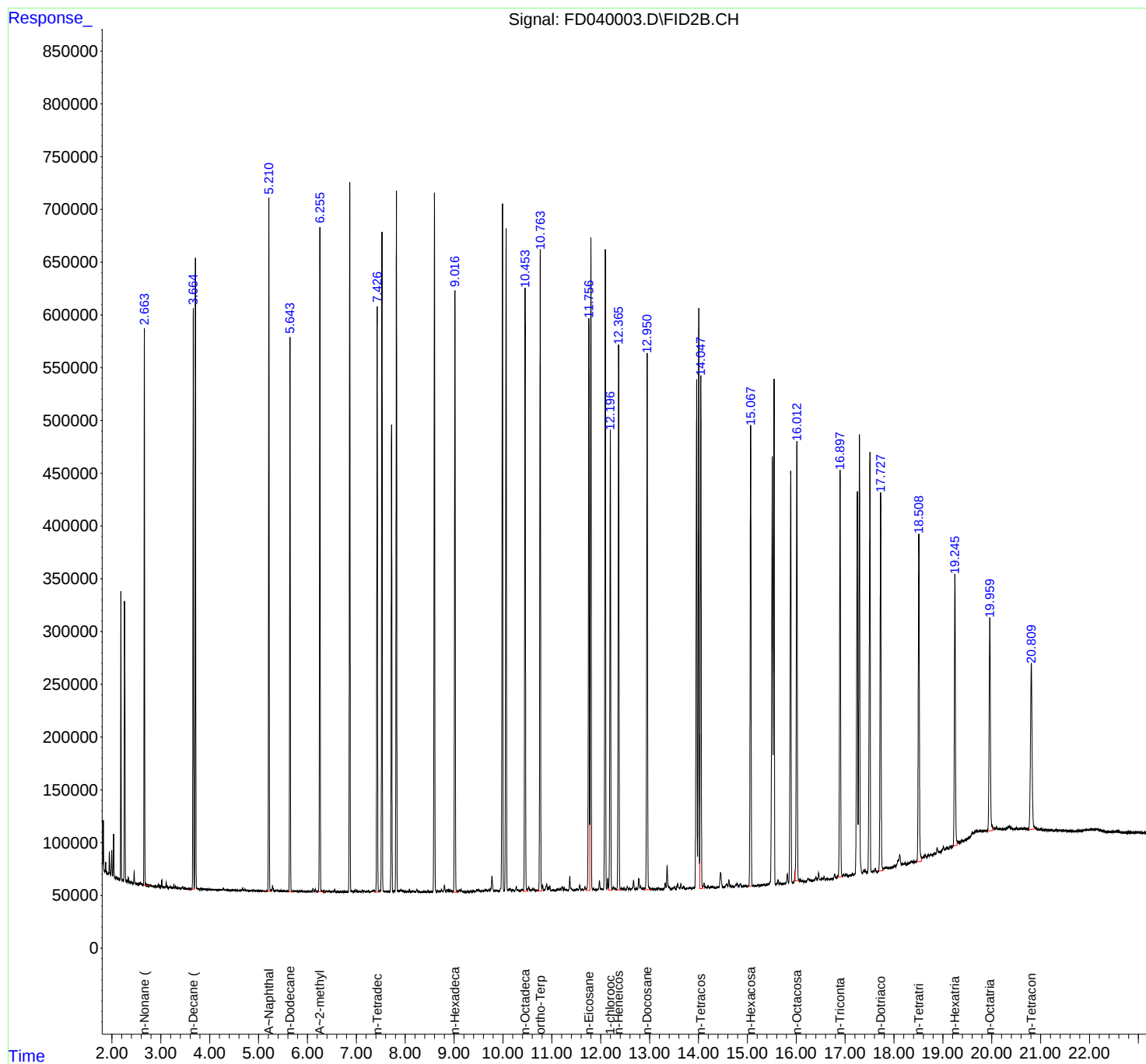
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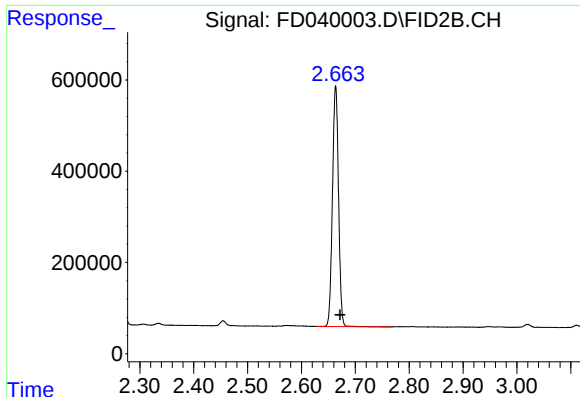
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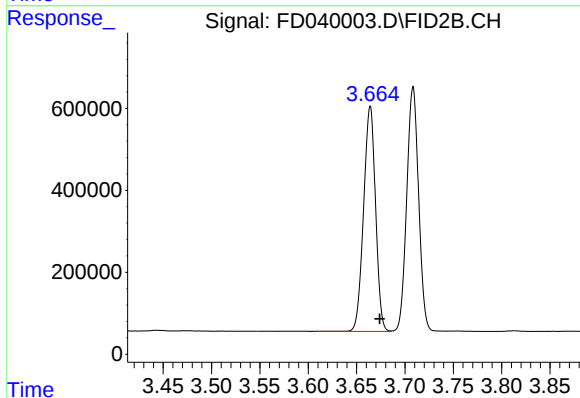
#1 n-Nonane (C9)

R.T.: 2.664 min
Delta R.T.: -0.008 min
Response: 4124902
Conc: 29.31 ug/ml

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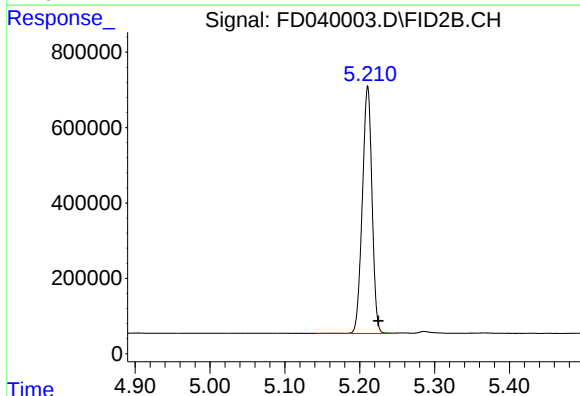
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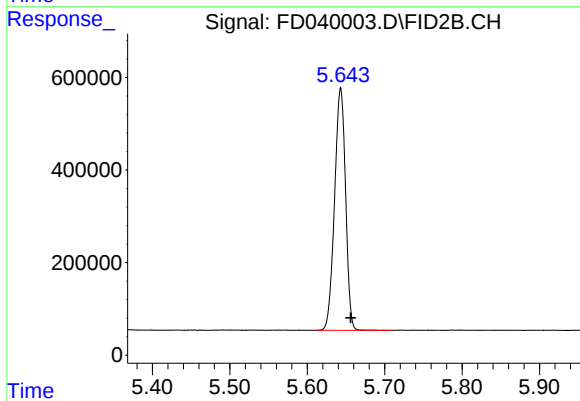
#2 n-Decane (C10)

R.T.: 3.664 min
Delta R.T.: -0.010 min
Response: 4716121
Conc: 33.07 ug/ml



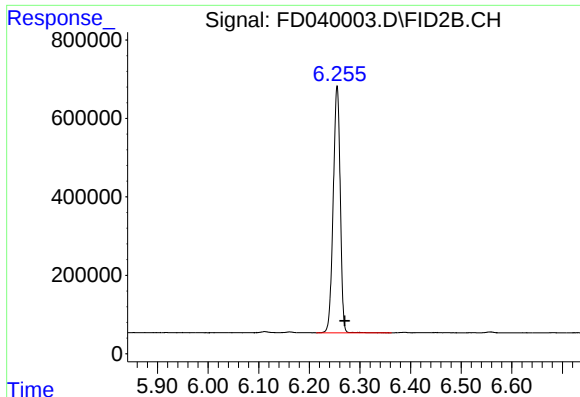
#3 A~Naphthalene (C11.7)

R.T.: 5.211 min
Delta R.T.: -0.014 min
Response: 5885940
Conc: 36.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.643 min
Delta R.T.: -0.013 min
Response: 5171481
Conc: 36.22 ug/ml



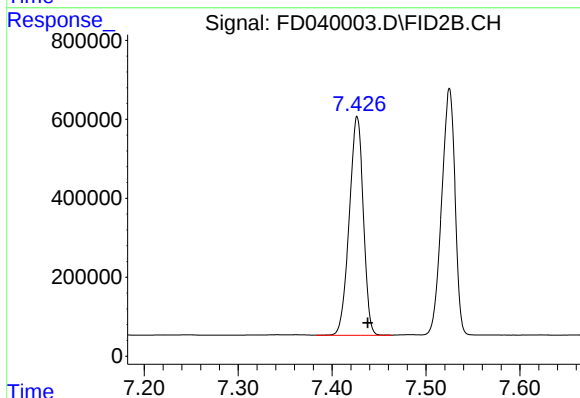
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.255 min
Delta R.T.: -0.015 min
Response: 6058754
Conc: 37.54 ug/ml

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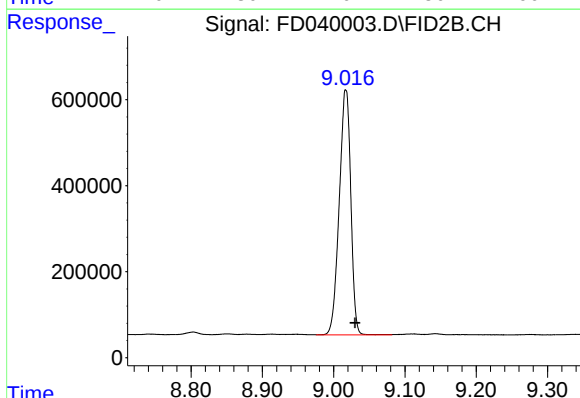
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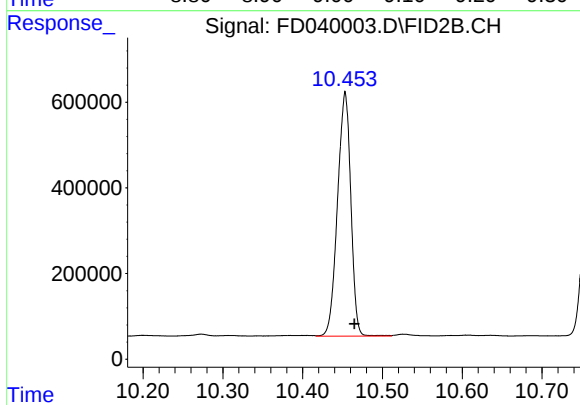
#6 n-Tetradecane (C14)

R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 5767334
Conc: 40.02 ug/ml



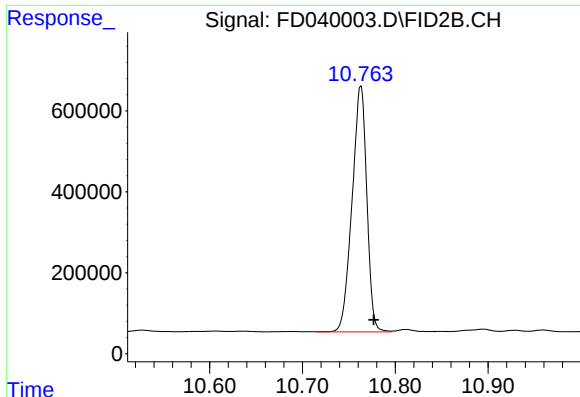
#7 n-Hexadecane (C16)

R.T.: 9.017 min
Delta R.T.: -0.013 min
Response: 6421536
Conc: 44.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.453 min
Delta R.T.: -0.012 min
Response: 6596023
Conc: 44.33 ug/ml



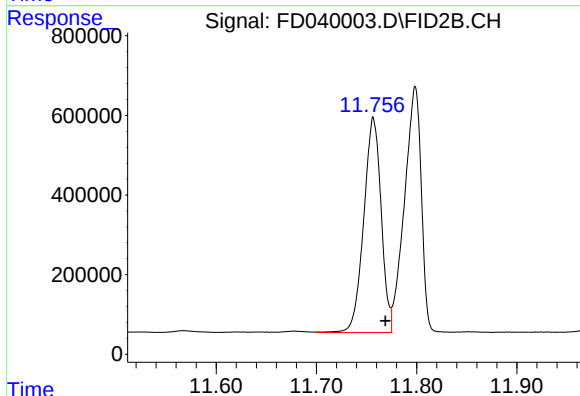
#9 ortho-Terphenyl (SURR)

R.T.: 10.762 min
Delta R.T.: -0.014 min
Response: 6702863
Conc: 42.70 ug/ml

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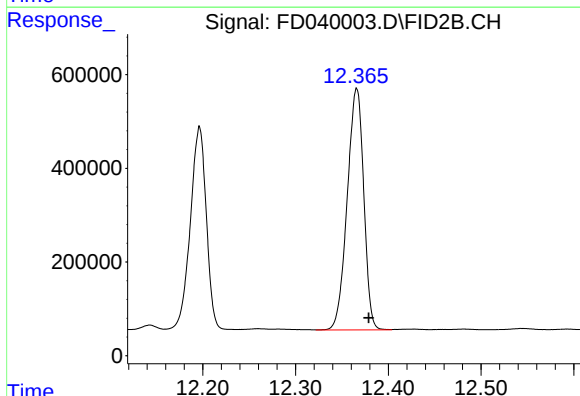
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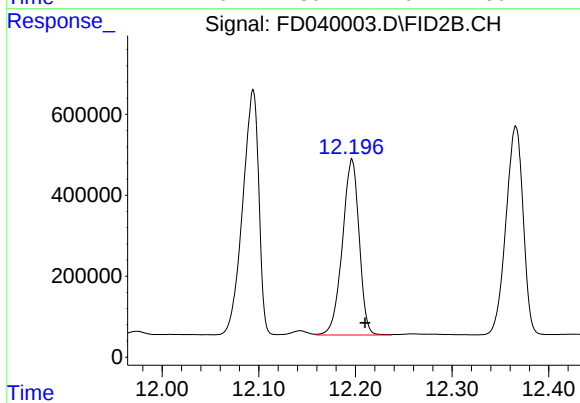
#10 n-Eicosane (C20)

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 6516080
Conc: 44.55 ug/ml



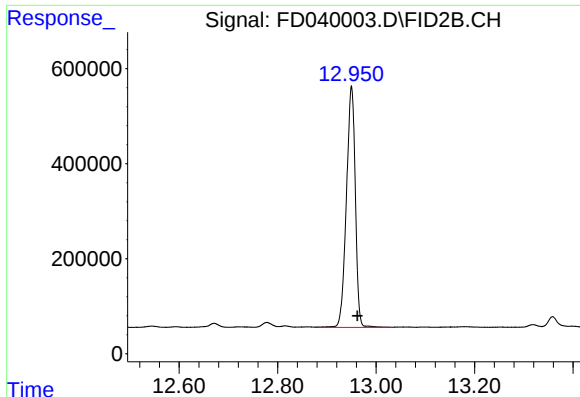
#11 n-Heneicosane (C21)

R.T.: 12.366 min
Delta R.T.: -0.013 min
Response: 6380401
Conc: 43.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.196 min
Delta R.T.: -0.014 min
Response: 5222857
Conc: 42.29 ug/ml



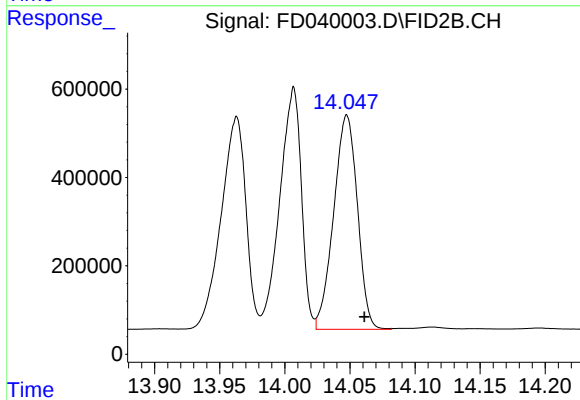
#13 n-Docosane (C22)

R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 6399388
Conc: 43.82 ug/ml

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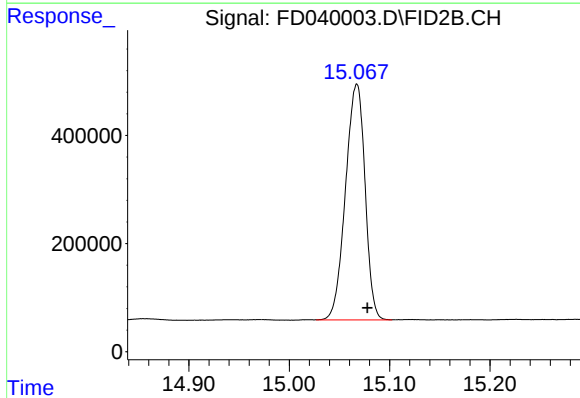
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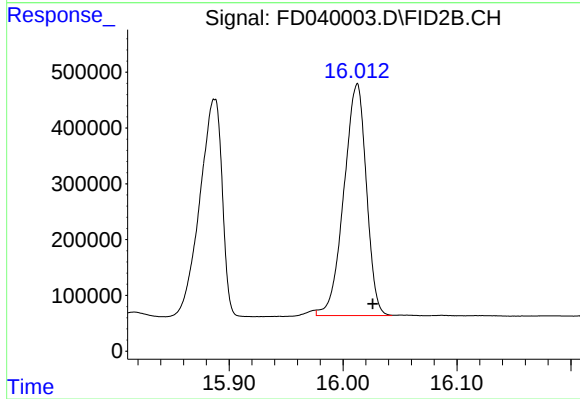
#14 n-Tetracosane (C24)

R.T.: 14.048 min
Delta R.T.: -0.013 min
Response: 6154355
Conc: 42.26 ug/ml



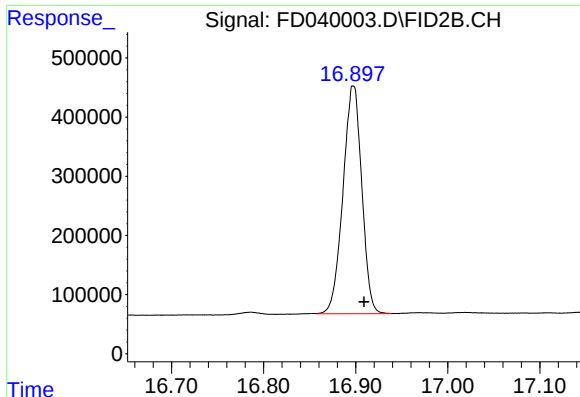
#15 n-Hexacosane (C26)

R.T.: 15.067 min
Delta R.T.: -0.011 min
Response: 5898497
Conc: 42.05 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.012 min
Delta R.T.: -0.014 min
Response: 5694577
Conc: 41.99 ug/ml m



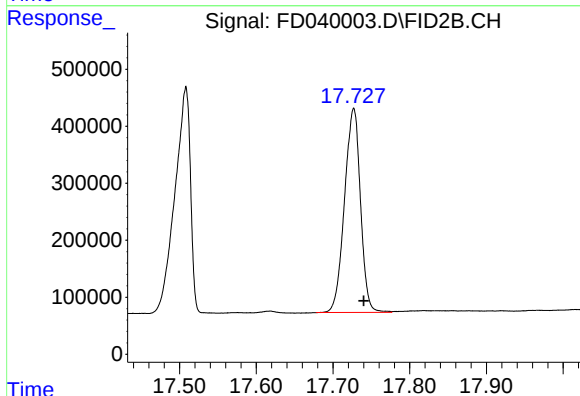
#17 n-Tricontane (C30)

R.T.: 16.897 min
Delta R.T.: -0.012 min
Response: 5463268
Conc: 41.81 ug/ml

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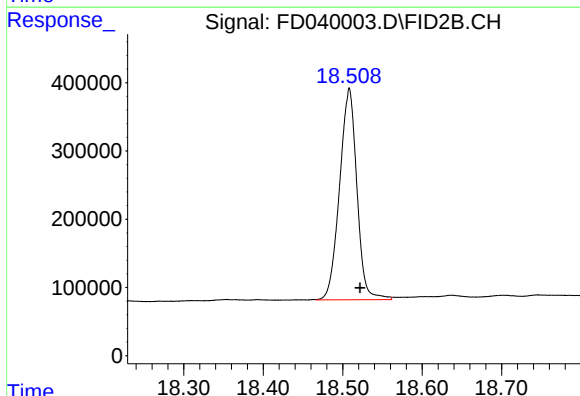
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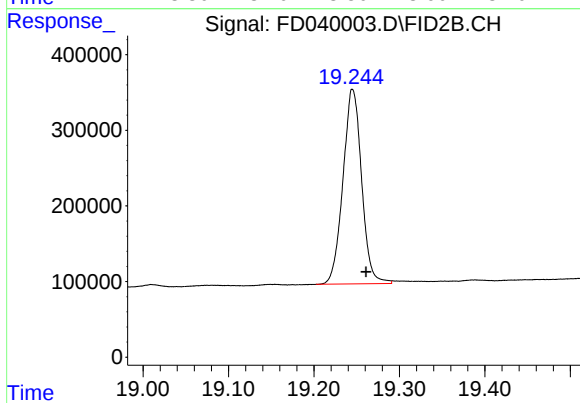
#18 n-Dotriacontane (C32)

R.T.: 17.727 min
Delta R.T.: -0.013 min
Response: 5187684
Conc: 41.68 ug/ml m



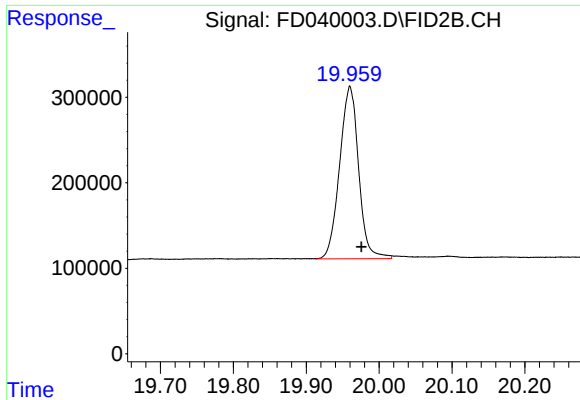
#19 n-Tetratriacontane (C34)

R.T.: 18.508 min
Delta R.T.: -0.014 min
Response: 4696039
Conc: 38.88 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.244 min
Delta R.T.: -0.017 min
Response: 3903920
Conc: 33.95 ug/ml m



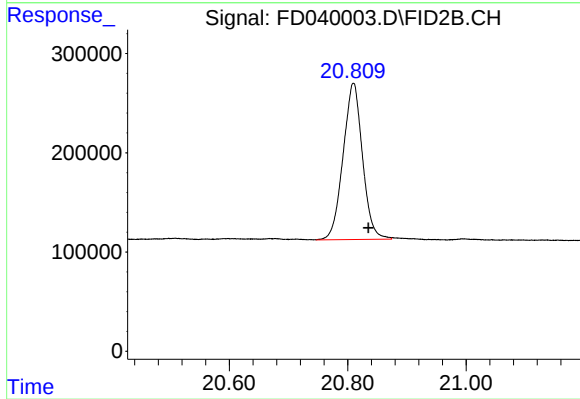
#21 n-Octatriacontane (C38)

R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 3650338
Conc: 32.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.809 min
Delta R.T.: -0.026 min
Response: 3579700
Conc: 31.42 ug/ml m