

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040015.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 00:37
 Operator : AJ\MA
 Sample : M5116-03MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1MSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 18 05:49:07 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)	10.761	6175799	39.340 ug/mlm
Spiked Amount 50.000		Recovery =	78.68%
12) S 1-chlorooctadecane (S...	12.195	4438386	35.940 ug/mlm
Spiked Amount 50.000		Recovery =	71.88%
Target Compounds			
1) T n-Nonane (C9)	2.687	7647742	54.346 ug/ml
2) T n-Decane (C10)	3.676	8099044	56.784 ug/ml
3) T A~Naphthalene (C11.7)	5.215	9289263	57.868 ug/ml
4) T n-Dodecane (C12)	5.645	8219241	57.565 ug/ml
5) T A~2-methylnaphthalene...	6.257	8906735	55.192 ug/ml
6) T n-Tetradecane (C14)	7.427	8275970	57.421 ug/ml
7) T n-Hexadecane (C16)	9.017	8159175	56.085 ug/mlm
8) T n-Octadecane (C18)	10.452	7968634	53.551 ug/mlm
10) T n-Eicosane (C20)	11.757	8176945	55.910 ug/ml
11) T n-Heneicosane (C21)	12.364	7411170	50.444 ug/mlm
13) T n-Docosane (C22)	12.948	7194424	49.268 ug/mlm
14) T n-Tetracosane (C24)	14.047	6888327	47.296 ug/mlm
15) T n-Hexacosane (C26)	15.067	6690475	47.701 ug/mlm
16) T n-Octacosane (C28)	16.011	6593574	48.616 ug/mlm
17) T n-Tricontane (C30)	16.898	6461857	49.450 ug/mlm
18) T n-Dotriacontane (C32)	17.726	6493767	52.177 ug/mlm
19) T n-Tetratriacontane (C34)	18.509	5939976	49.179 ug/mlm
20) T n-Hexatriacontane (C36)	19.246	5178367	45.028 ug/mlm
21) T n-Octatriacontane (C38)	19.958	4932376	44.188 ug/mlm
22) T n-Tetracontane (C40)	20.810	4957968	43.512 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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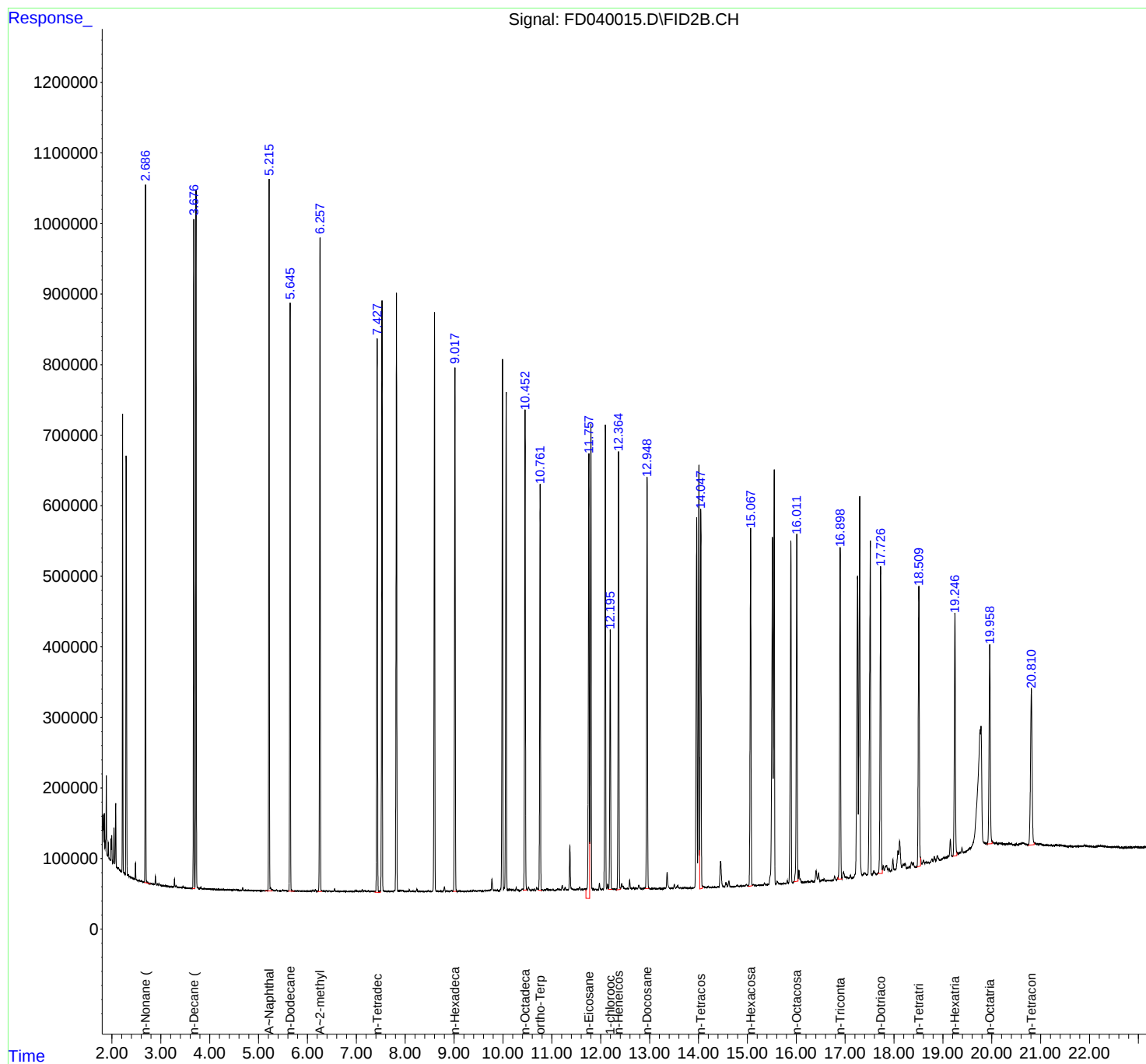
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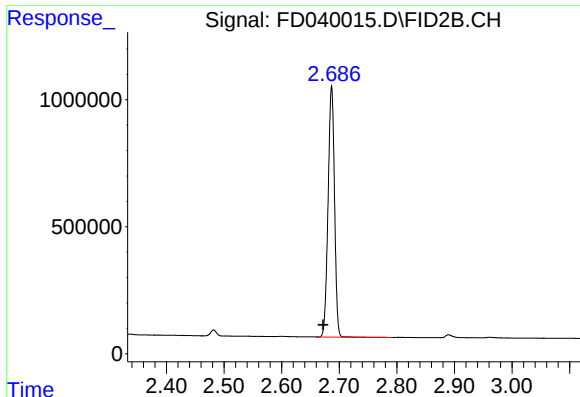
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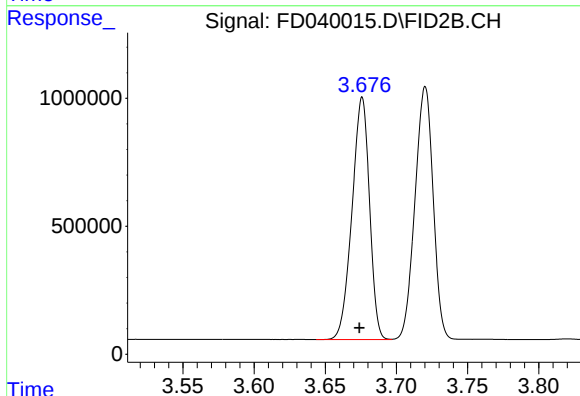
#1 n-Nonane (C9)

R.T.: 2.687 min
Delta R.T.: 0.015 min
Response: 7647742
Conc: 54.35 ug/ml

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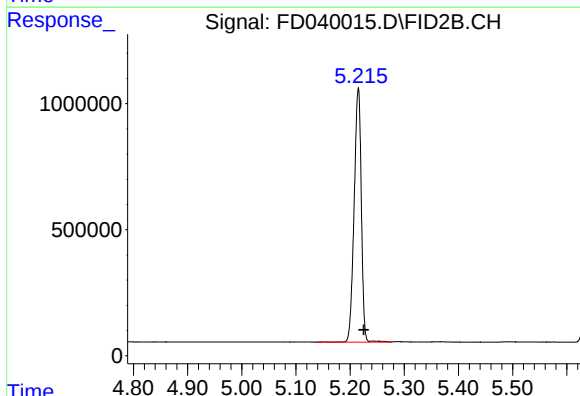
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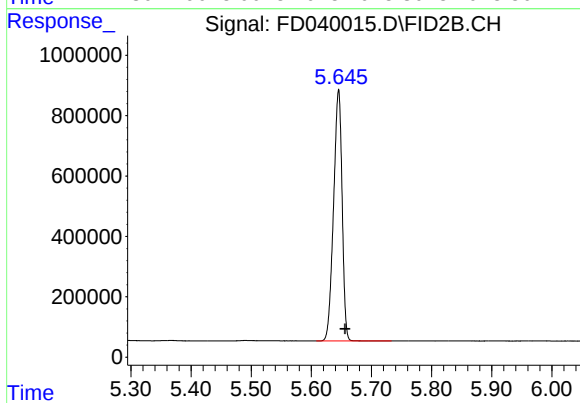
#2 n-Decane (C10)

R.T.: 3.676 min
Delta R.T.: 0.002 min
Response: 8099044
Conc: 56.78 ug/ml



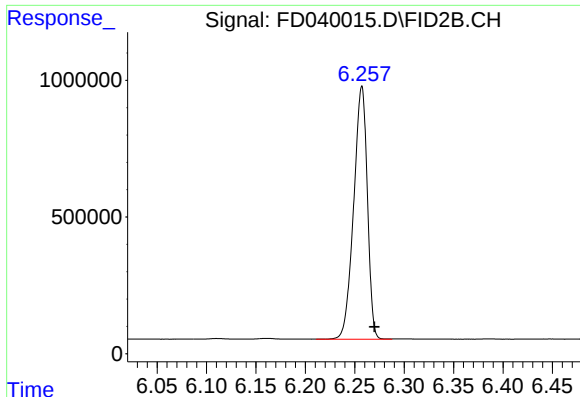
#3 A~Naphthalene (C11.7)

R.T.: 5.215 min
Delta R.T.: -0.010 min
Response: 9289263
Conc: 57.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 8219241
Conc: 57.56 ug/ml



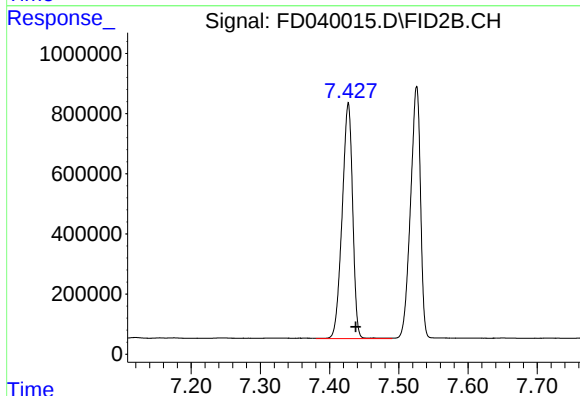
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.257 min
Delta R.T.: -0.013 min
Response: 8906735
Conc: 55.19 ug/ml

Instrument :
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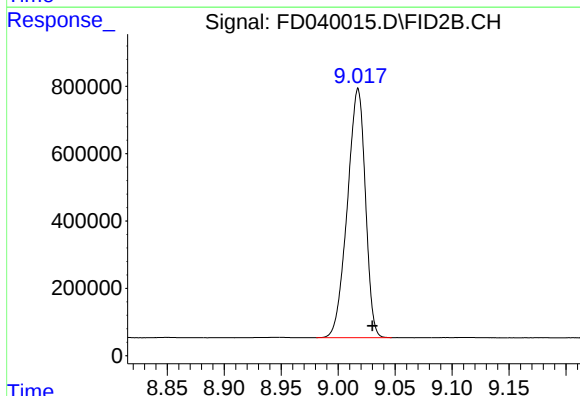
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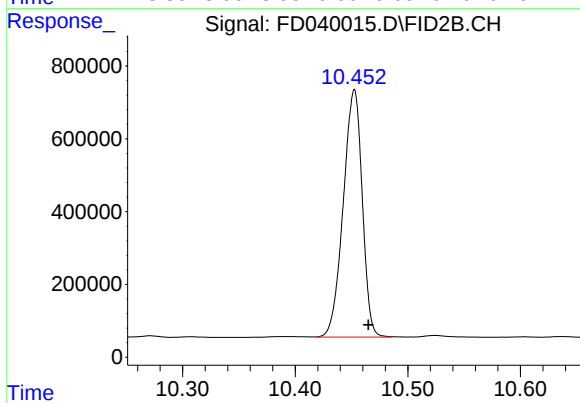
#6 n-Tetradecane (C14)

R.T.: 7.427 min
Delta R.T.: -0.011 min
Response: 8275970
Conc: 57.42 ug/ml



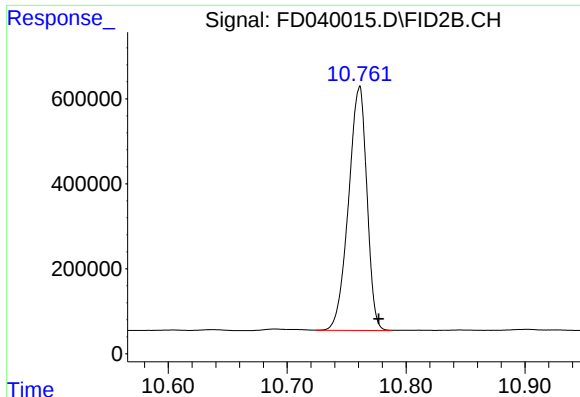
#7 n-Hexadecane (C16)

R.T.: 9.017 min
Delta R.T.: -0.013 min
Response: 8159175
Conc: 56.09 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.452 min
Delta R.T.: -0.013 min
Response: 7968634
Conc: 53.55 ug/ml m



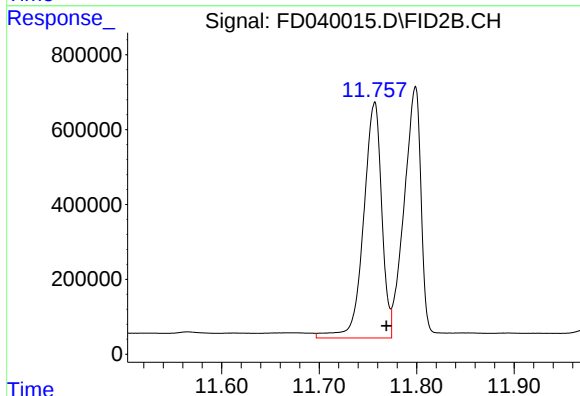
#9 ortho-Terphenyl (SURR)

R.T.: 10.761 min
Delta R.T.: -0.016 min
Response: 6175799
Conc: 39.34 ug/ml

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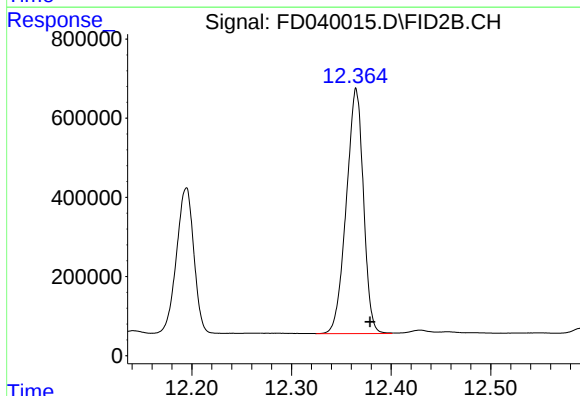
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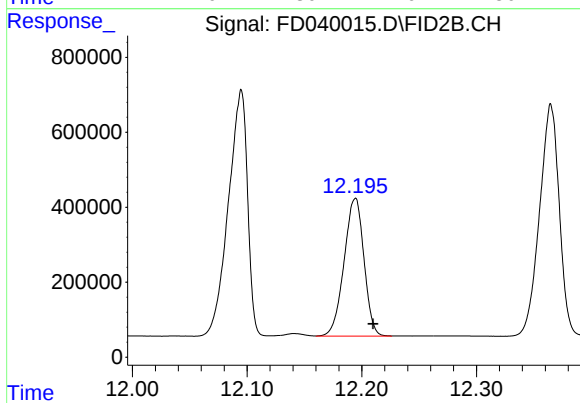
#10 n-Eicosane (C20)

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 8176945
Conc: 55.91 ug/ml



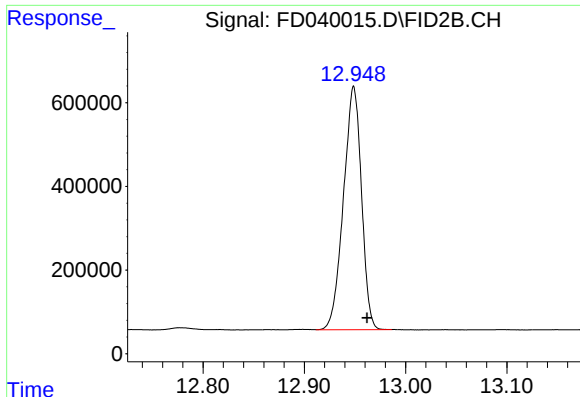
#11 n-Heneicosane (C21)

R.T.: 12.364 min
Delta R.T.: -0.015 min
Response: 7411170
Conc: 50.44 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.195 min
Delta R.T.: -0.015 min
Response: 4438386
Conc: 35.94 ug/ml m



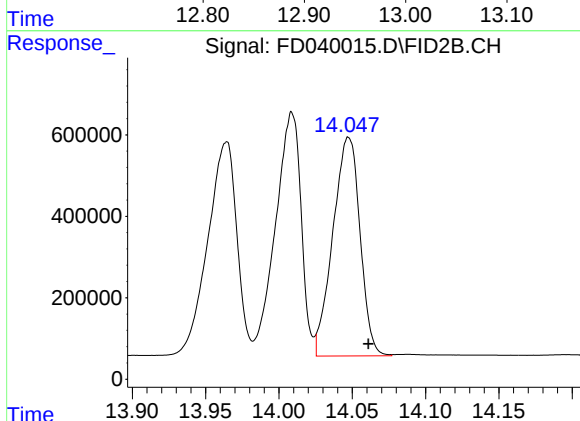
#13 n-Docosane (C22)

R.T.: 12.948 min
Delta R.T.: -0.014 min
Response: 7194424
Conc: 49.27 ug/ml

Instrument :
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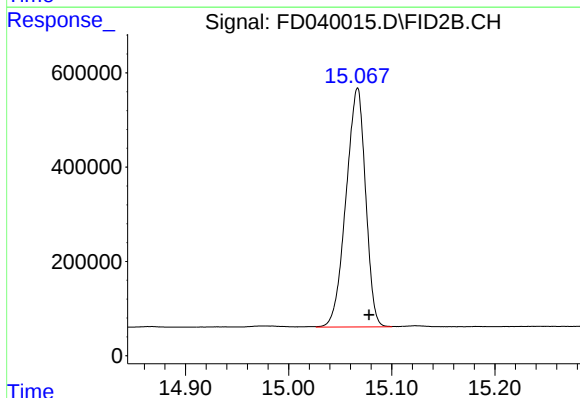
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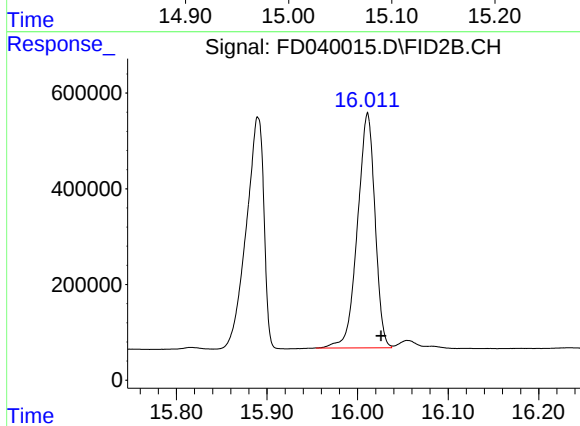
#14 n-Tetracosane (C24)

R.T.: 14.047 min
Delta R.T.: -0.014 min
Response: 6888327
Conc: 47.30 ug/ml m



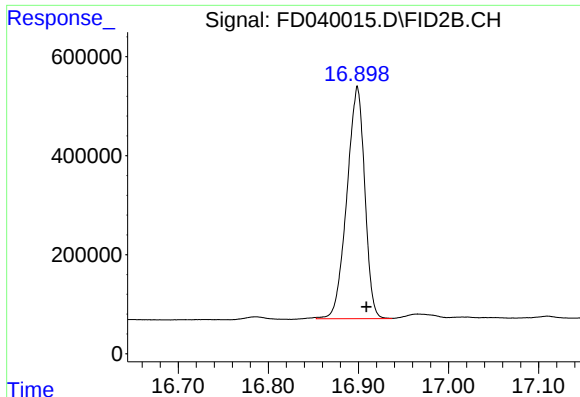
#15 n-Hexacosane (C26)

R.T.: 15.067 min
Delta R.T.: -0.011 min
Response: 6690475
Conc: 47.70 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.011 min
Delta R.T.: -0.015 min
Response: 6593574
Conc: 48.62 ug/ml m



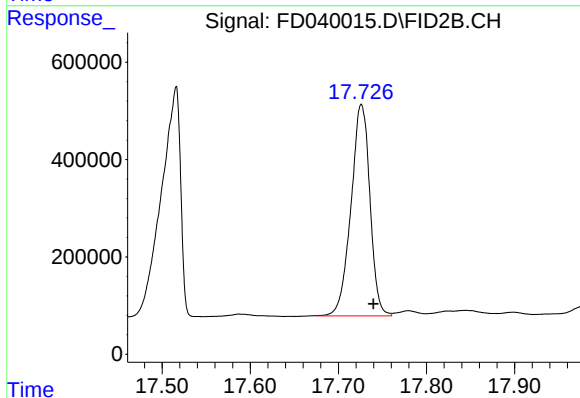
#17 n-Tricontane (C30)

R.T.: 16.898 min
Delta R.T.: -0.011 min
Response: 6461857
Conc: 49.45 ug/ml

Instrument :
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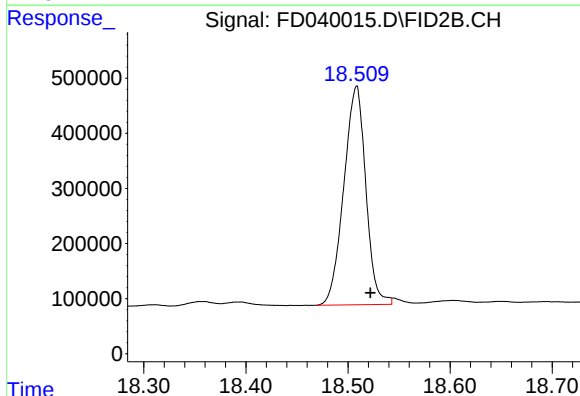
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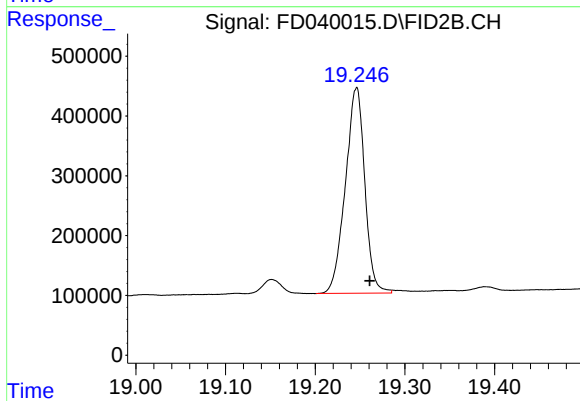
#18 n-Dotriacontane (C32)

R.T.: 17.726 min
Delta R.T.: -0.014 min
Response: 6493767
Conc: 52.18 ug/ml m



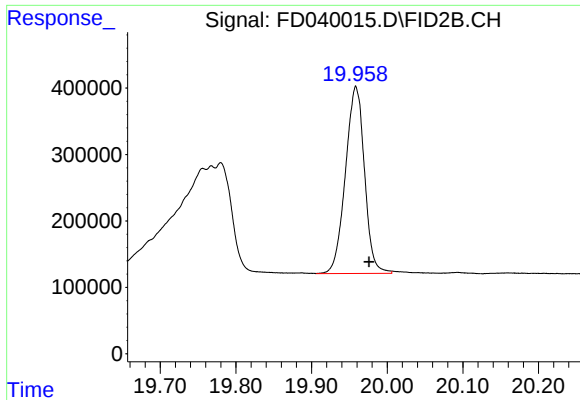
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 5939976
Conc: 49.18 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.246 min
Delta R.T.: -0.015 min
Response: 5178367
Conc: 45.03 ug/ml m



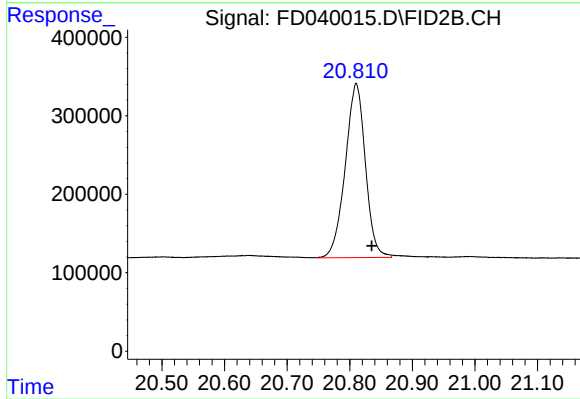
#21 n-Octatriacontane (C38)

R.T.: 19.958 min
Delta R.T.: -0.018 min
Response: 4932376
Conc: 44.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.810 min
Delta R.T.: -0.025 min
Response: 4957968
Conc: 43.51 ug/ml m