

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AL\
 Data File : FD040792.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 20:12
 Operator : AJ\MA
 Sample : N1261-05MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:11:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.606	5152379	33.416 ug/ml
Spiked Amount 50.000		Recovery =	66.83%
12) S 1-chlorooctadecane (S...	12.042	3578690	30.403 ug/ml
Spiked Amount 50.000		Recovery =	60.81%
Target Compounds			
1) T n-Nonane (C9)	2.590	7083530	55.176 ug/ml
2) T n-Decane (C10)	3.563	7366377	57.207 ug/ml
3) T A~Naphthalene (C11.7)	5.083	8216280	57.832 ug/ml
4) T n-Dodecane (C12)	5.519	7488183	58.586 ug/ml
5) T A~2-methylnaphthalene...	6.120	7892870	55.949 ug/ml
6) T n-Tetradecane (C14)	7.294	7426317	57.328 ug/ml
7) T n-Hexadecane (C16)	8.878	7324670	56.221 ug/ml
8) T n-Octadecane (C18)	10.308	7167364	52.895 ug/ml
10) T n-Eicosane (C20)	11.607	7105219	52.237 ug/mlm
11) T n-Heneicosane (C21)	12.214	6697724	48.368 ug/ml
13) T n-Docosane (C22)	12.797	6607397	47.919 ug/ml
14) T n-Tetracosane (C24)	13.894	6588178	47.117 ug/ml
15) T n-Hexacosane (C26)	14.910	6368837	46.203 ug/ml
16) T n-Octacosane (C28)	15.852	6252181	46.078 ug/mlm
17) T n-Tricontane (C30)	16.737	6321538	48.501 ug/ml
18) T n-Dotriacontane (C32)	17.564	6160978	51.537 ug/ml
19) T n-Tetratriacontane (C34)	18.342	5754270	54.650 ug/ml
20) T n-Hexatriacontane (C36)	19.078	5547263	54.744 ug/mlm
21) T n-Octatriacontane (C38)	19.777	4539626	50.810 ug/ml
22) T n-Tetracontane (C40)	20.569	4522790	52.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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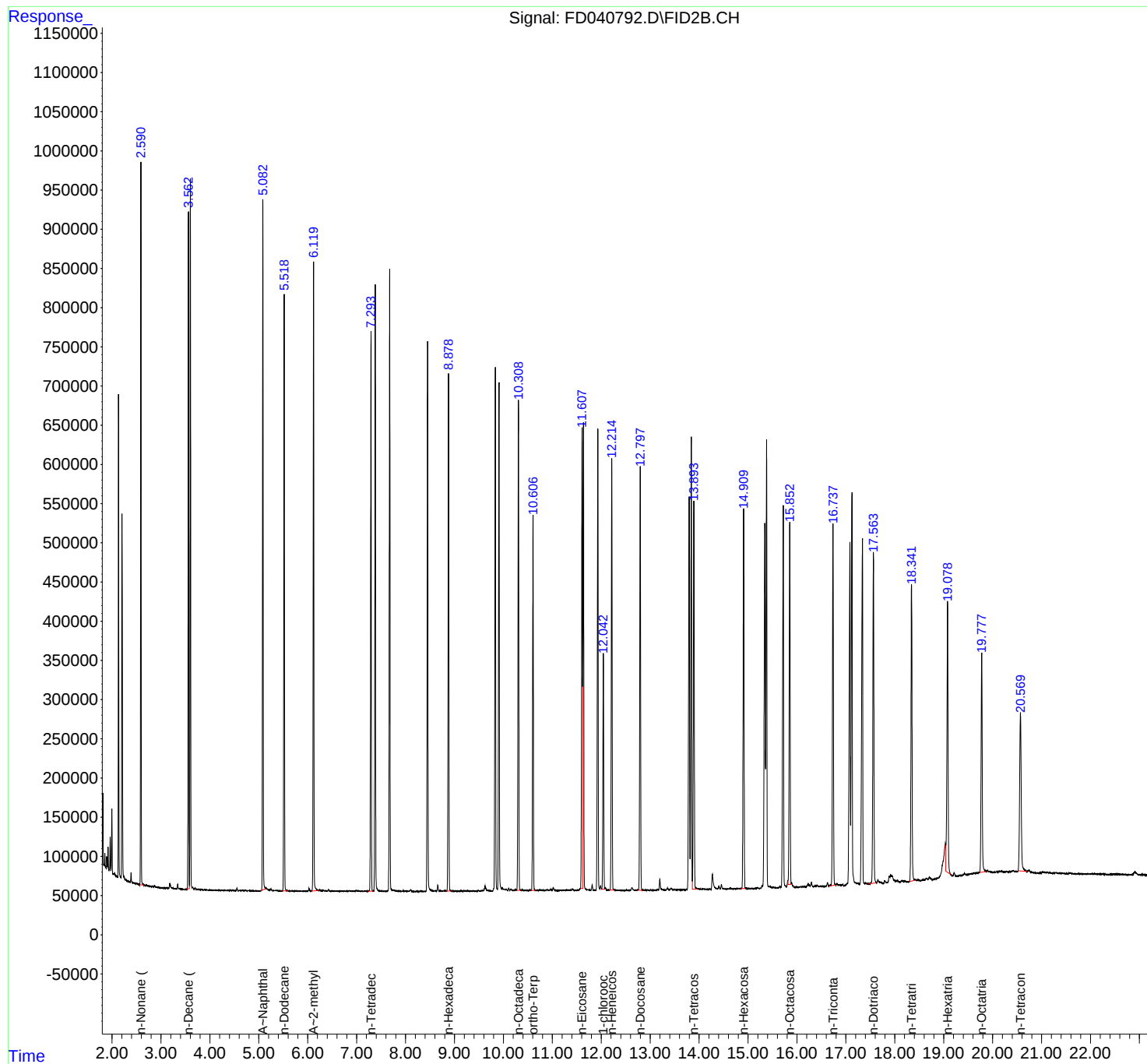
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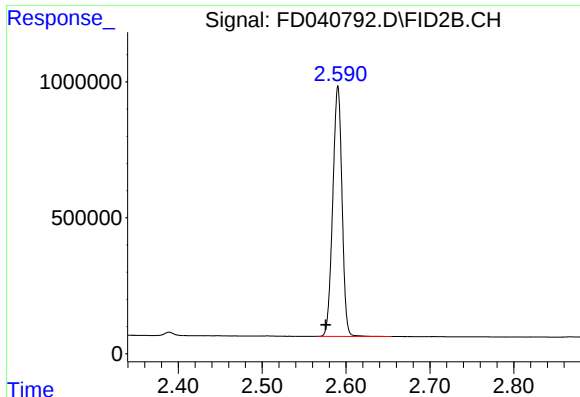
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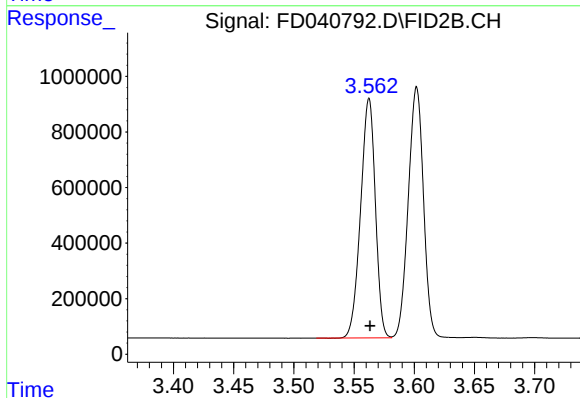
#1 n-Nonane (C9)

R.T.: 2.590 min
Delta R.T.: 0.014 min
Response: 7083530
Conc: 55.18 ug/ml

Instrument :
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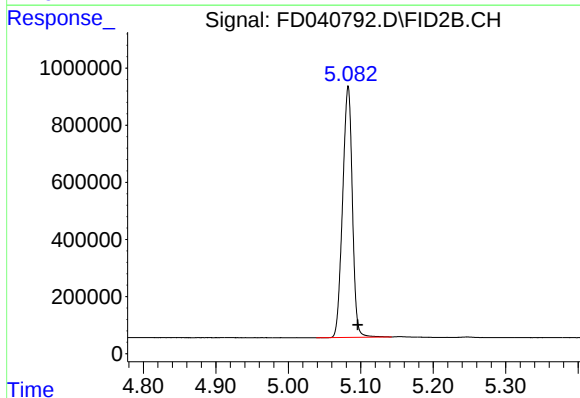
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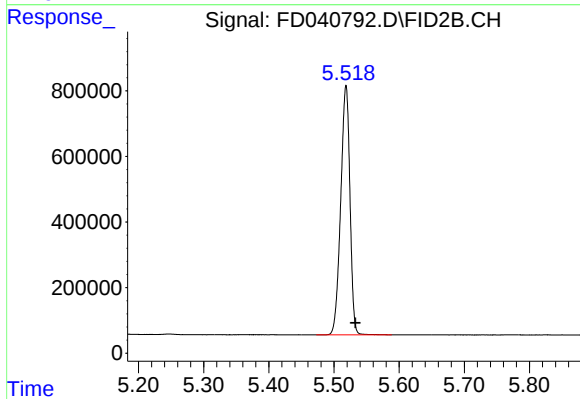
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 7366377
Conc: 57.21 ug/ml



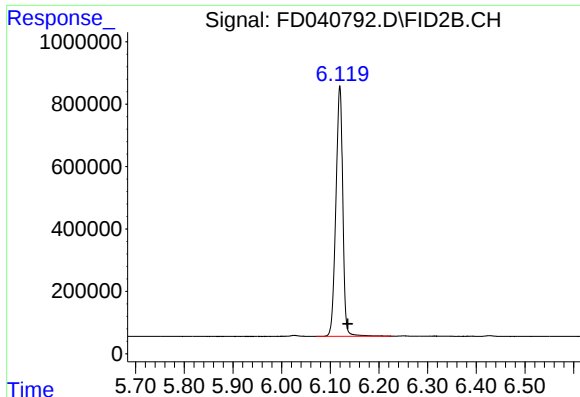
#3 A~Naphthalene (C11.7)

R.T.: 5.083 min
Delta R.T.: -0.013 min
Response: 8216280
Conc: 57.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.519 min
Delta R.T.: -0.015 min
Response: 7488183
Conc: 58.59 ug/ml



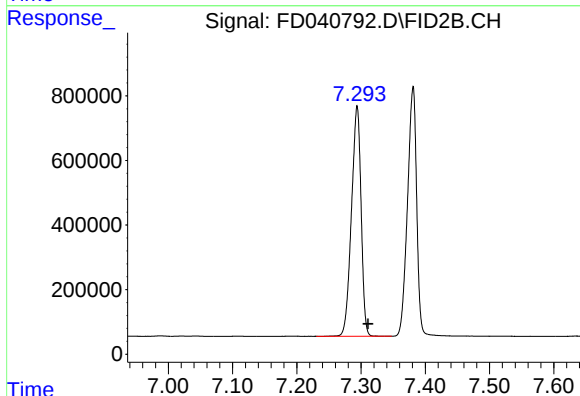
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.016 min
Response: 7892870
Conc: 55.95 ug/ml

Instrument :
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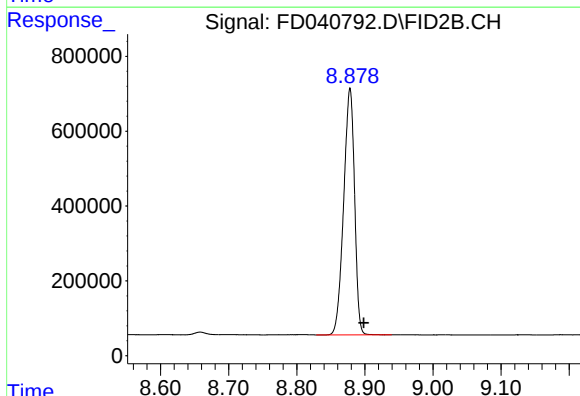
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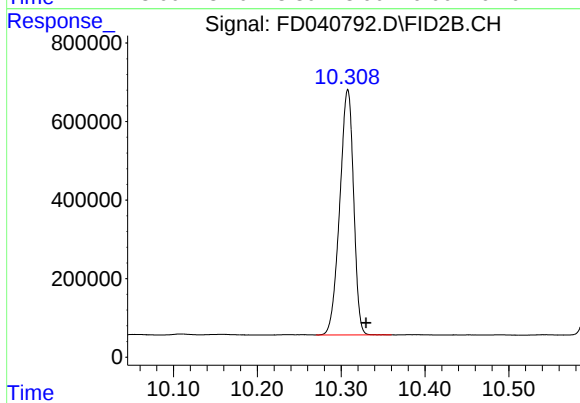
#6 n-Tetradecane (C14)

R.T.: 7.294 min
Delta R.T.: -0.017 min
Response: 7426317
Conc: 57.33 ug/ml



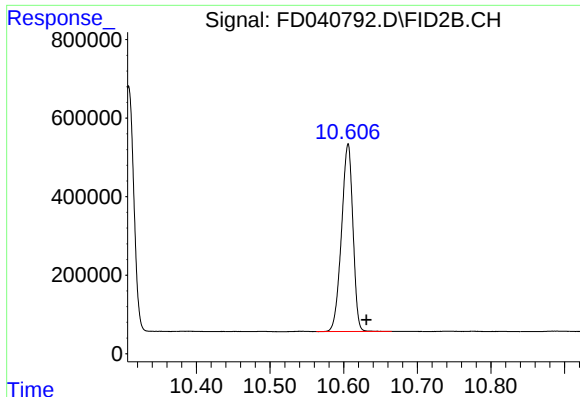
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.020 min
Response: 7324670
Conc: 56.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: -0.022 min
Response: 7167364
Conc: 52.90 ug/ml



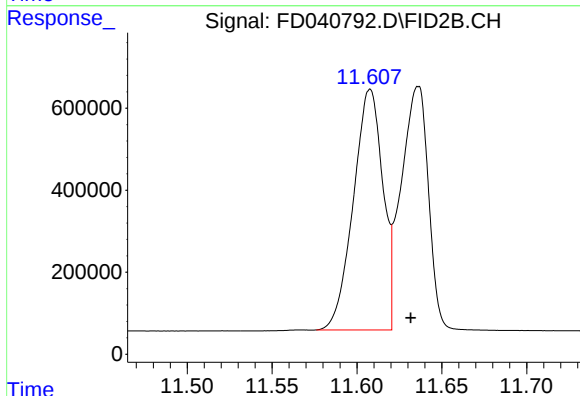
#9 ortho-Terphenyl (SURR)

R.T.: 10.606 min
Delta R.T.: -0.025 min
Response: 5152379
Conc: 33.42 ug/ml

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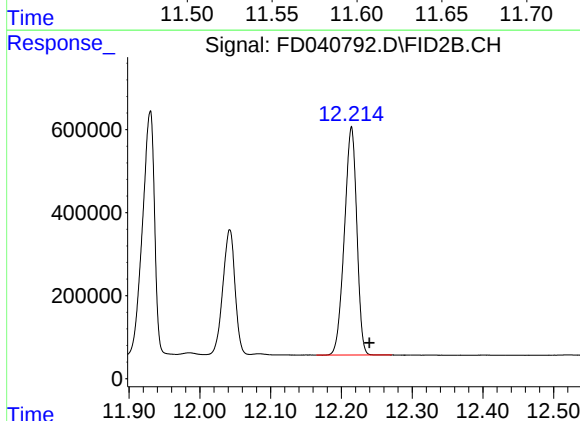
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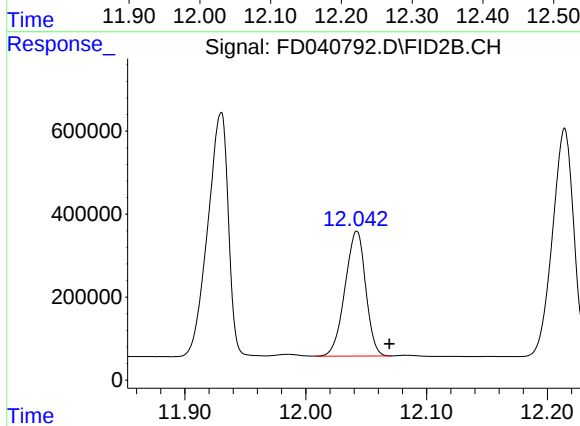
#10 n-Eicosane (C20)

R.T.: 11.607 min
Delta R.T.: -0.024 min
Response: 7105219
Conc: 52.24 ug/ml m



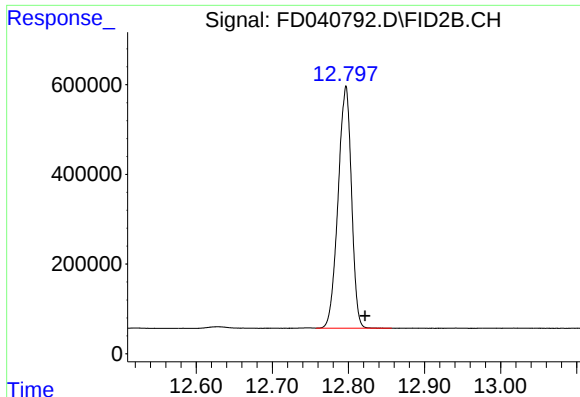
#11 n-Heneicosane (C21)

R.T.: 12.214 min
Delta R.T.: -0.025 min
Response: 6697724
Conc: 48.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.042 min
Delta R.T.: -0.027 min
Response: 3578690
Conc: 30.40 ug/ml



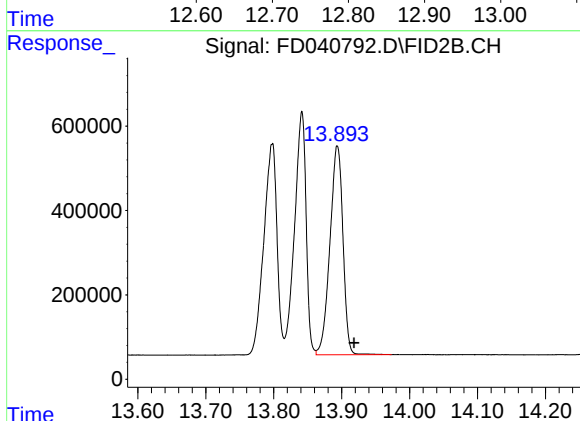
#13 n-Docosane (C22)

R.T.: 12.797 min
Delta R.T.: -0.025 min
Response: 6607397
Conc: 47.92 ug/ml

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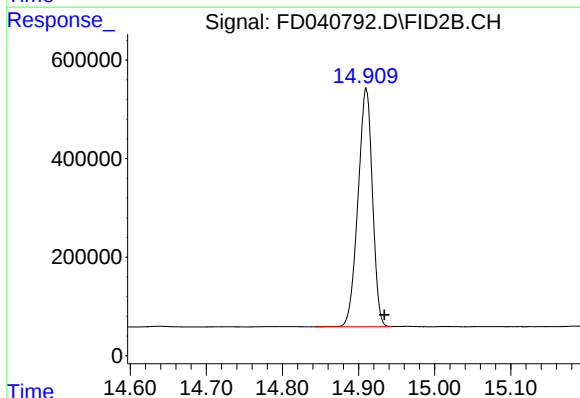
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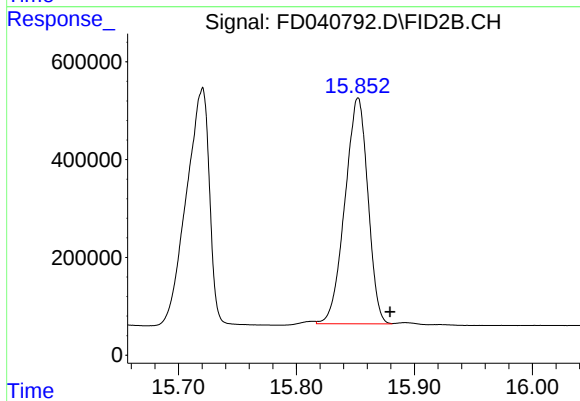
#14 n-Tetracosane (C24)

R.T.: 13.894 min
Delta R.T.: -0.025 min
Response: 6588178
Conc: 47.12 ug/ml



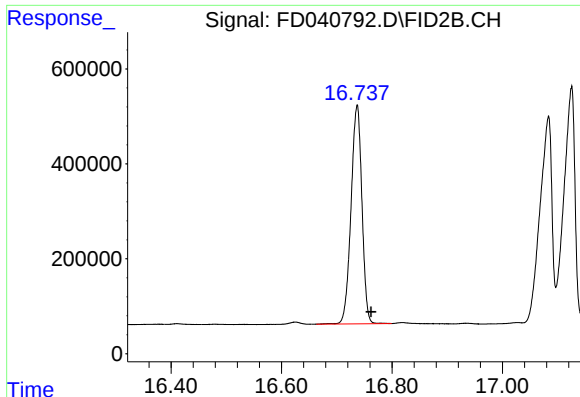
#15 n-Hexacosane (C26)

R.T.: 14.910 min
Delta R.T.: -0.024 min
Response: 6368837
Conc: 46.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.852 min
Delta R.T.: -0.028 min
Response: 6252181
Conc: 46.08 ug/ml m



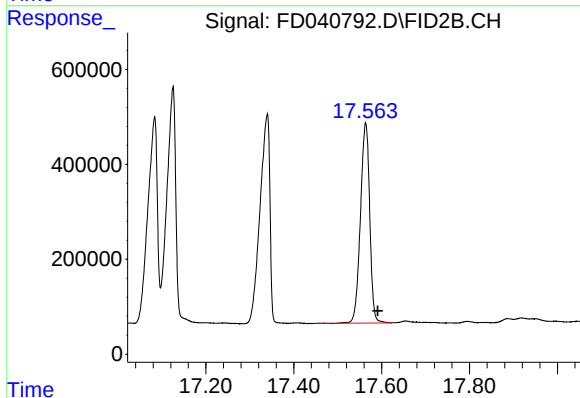
#17 n-Tricontane (C30)

R.T.: 16.737 min
Delta R.T.: -0.025 min
Response: 6321538
Conc: 48.50 ug/ml

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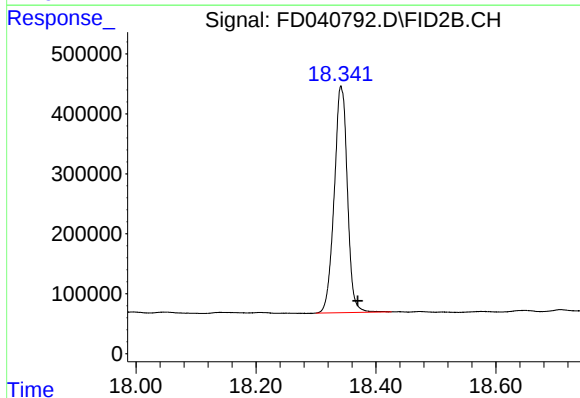
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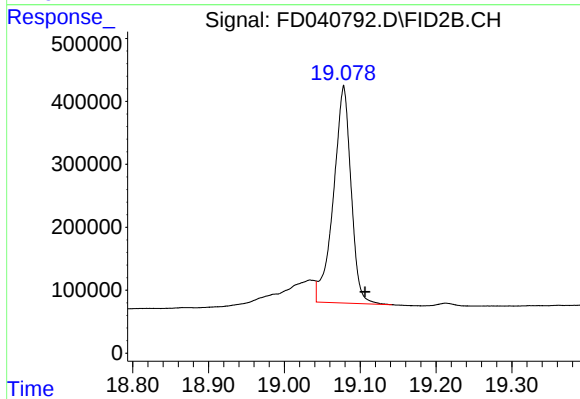
#18 n-Dotriacontane (C32)

R.T.: 17.564 min
Delta R.T.: -0.027 min
Response: 6160978
Conc: 51.54 ug/ml



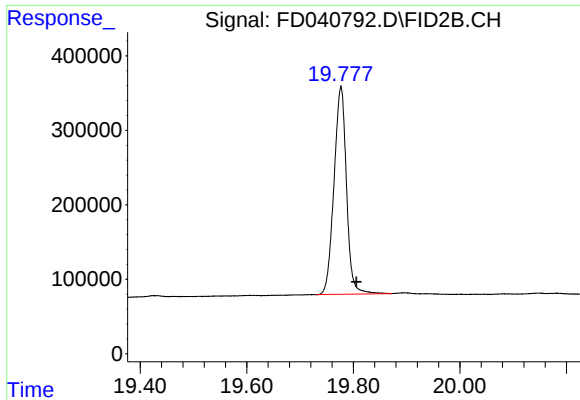
#19 n-Tetratriacontane (C34)

R.T.: 18.342 min
Delta R.T.: -0.028 min
Response: 5754270
Conc: 54.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.078 min
Delta R.T.: -0.028 min
Response: 5547263
Conc: 54.74 ug/ml m



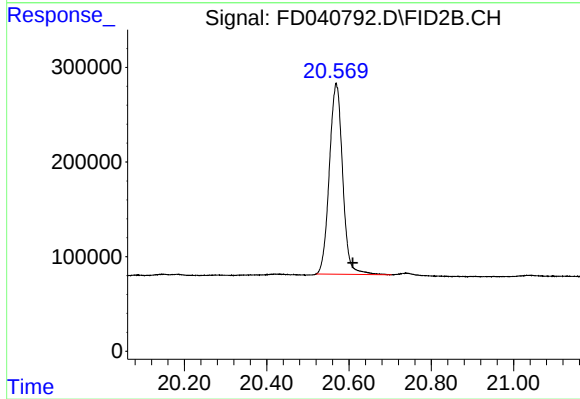
#21 n-Octatriacontane (C38)

R.T.: 19.777 min
Delta R.T.: -0.029 min
Response: 4539626
Conc: 50.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.569 min
Delta R.T.: -0.040 min
Response: 4522790
Conc: 52.91 ug/ml