

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040327.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 6:24
 Operator : AJ\MA
 Sample : M5254-01MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 361MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e
 Quant Time: Jan 03 03:02:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.694	6698052	42.995 ug/mlm
Spiked Amount 50.000		Recovery =	85.99%
12) S 1-chlorooctadecane (S...	12.128	4906791	40.687 ug/mlm
Spiked Amount 50.000		Recovery =	81.37%
Target Compounds			
1) T n-Nonane (C9)	2.628	3541275	26.985 ug/ml
2) T n-Decane (C10)	3.620	4122432	31.144 ug/ml
3) T A~Naphthalene (C11.7)	5.157	5089963	34.496 ug/ml
4) T n-Dodecane (C12)	5.590	4600238	34.638 ug/ml
5) T A~2-methylnaphthalene...	6.198	5180850	34.914 ug/ml
6) T n-Tetradecane (C14)	7.369	5123188	37.057 ug/ml
7) T n-Hexadecane (C16)	8.955	5807781	42.356 ug/ml
8) T n-Octadecane (C18)	10.388	5918313	41.910 ug/mlm
10) T n-Eicosane (C20)	11.727	7909172	56.572 ug/ml
11) T n-Heneicosane (C21)	12.296	5962326	42.141 ug/mlm
13) T n-Docosane (C22)	12.880	5868142	41.814 ug/mlm
14) T n-Tetracosane (C24)	13.976	5572274	39.687 ug/mlm
15) T n-Hexacosane (C26)	14.994	5375454	39.092 ug/ml
16) T n-Octacosane (C28)	15.937	5411640	39.781 ug/mlm
17) T n-Tricontane (C30)	16.821	5081540	37.971 ug/ml
18) T n-Dotriacontane (C32)	17.649	4807000	37.136 ug/ml
19) T n-Tetratriacontane (C34)	18.427	4430042	36.538 ug/ml
20) T n-Hexatriacontane (C36)	19.162	3674504	34.480 ug/mlm
21) T n-Octatriacontane (C38)	19.866	3400712	36.825 ug/mlm
22) T n-Tetracontane (C40)	20.687	3459167	44.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 69 Sample Multiplier: 1

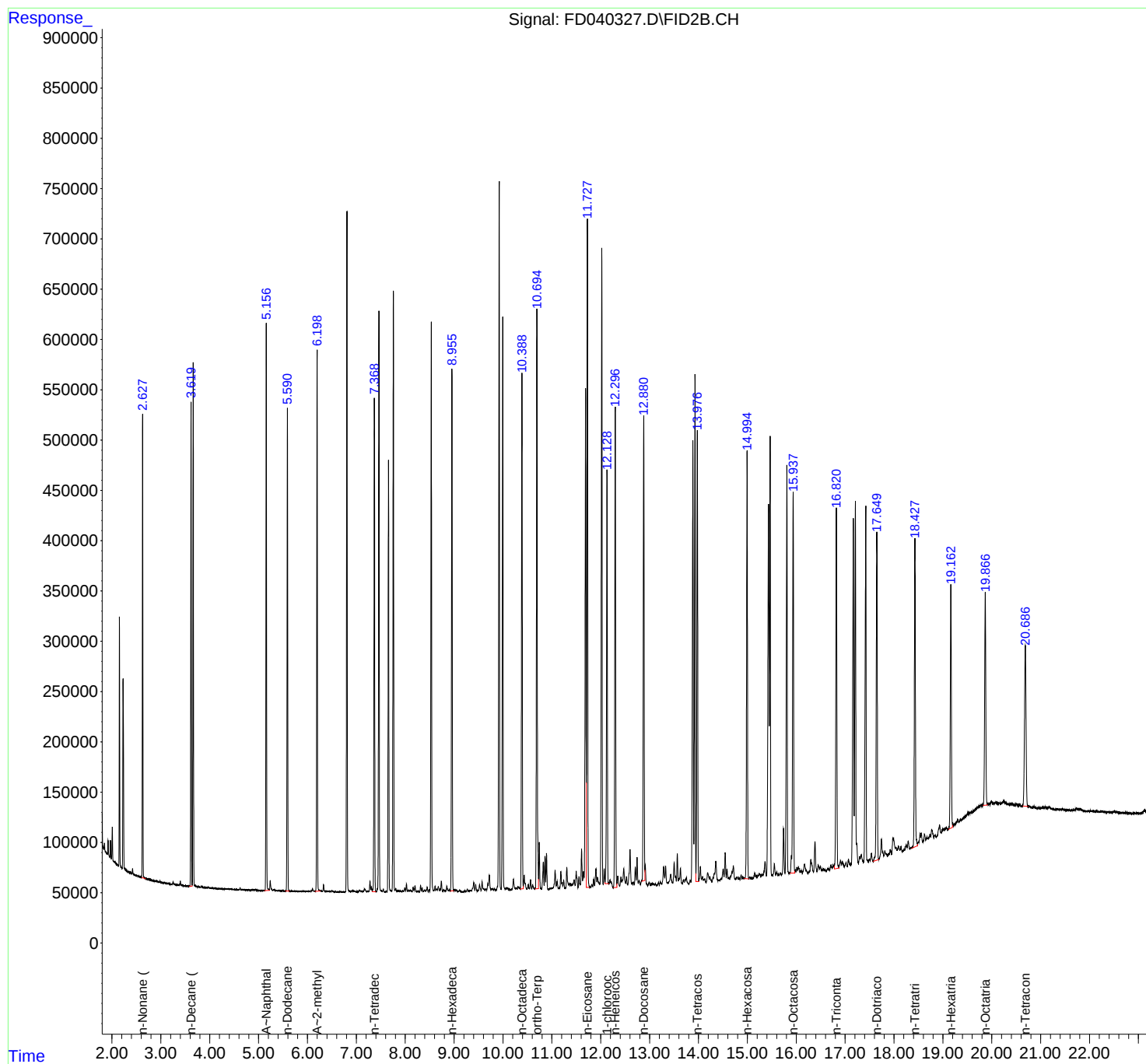
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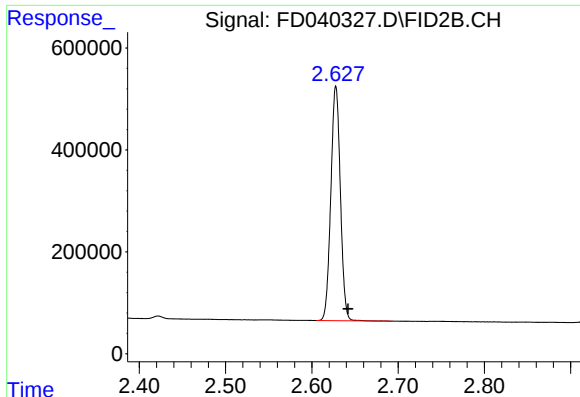
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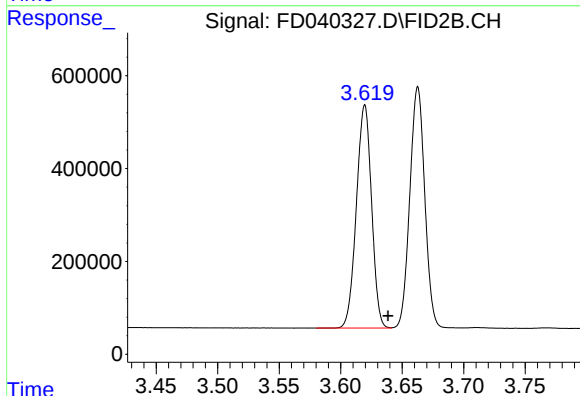
#1 n-Nonane (C9)

R.T.: 2.628 min
Delta R.T.: -0.014 min
Response: 3541275
Conc: 26.99 ug/ml

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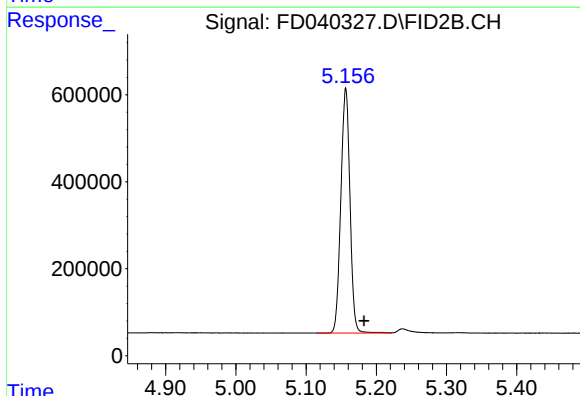
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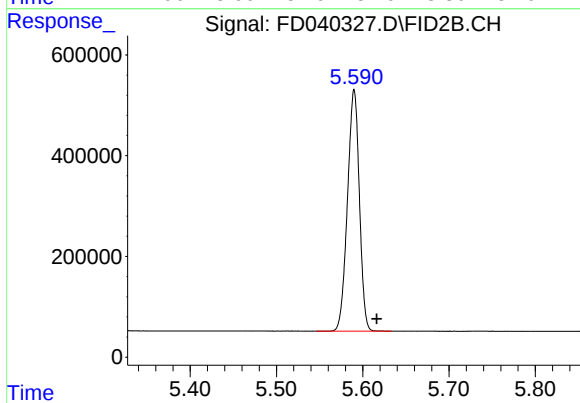
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.019 min
Response: 4122432
Conc: 31.14 ug/ml



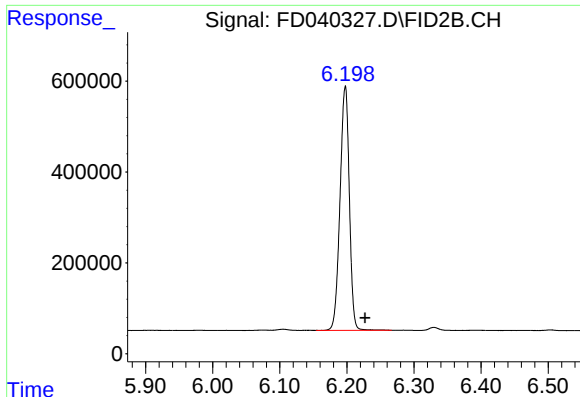
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.026 min
Response: 5089963
Conc: 34.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.590 min
Delta R.T.: -0.026 min
Response: 4600238
Conc: 34.64 ug/ml



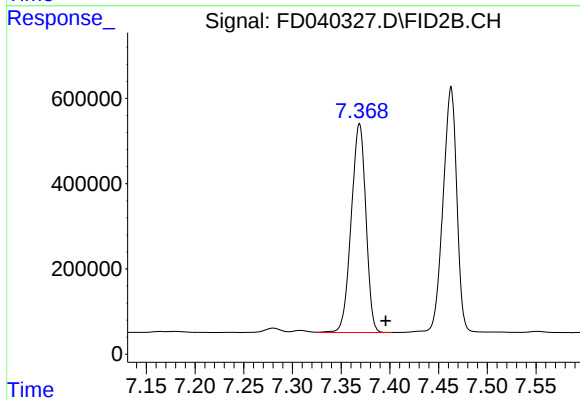
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.198 min
Delta R.T.: -0.029 min
Response: 5180850
Conc: 34.91 ug/ml

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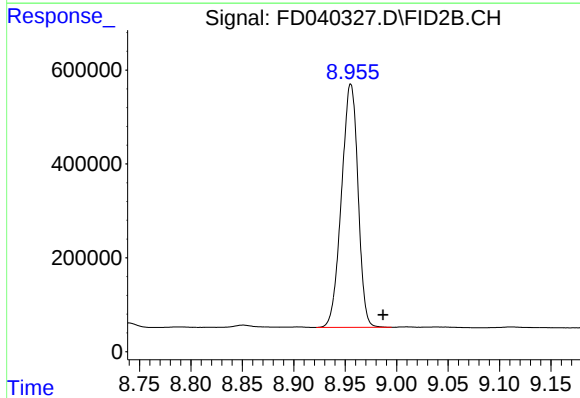
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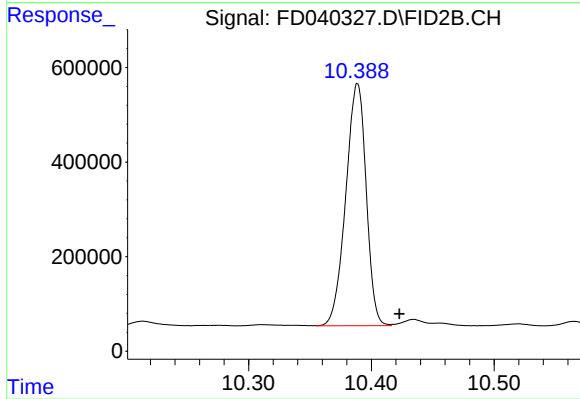
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.027 min
Response: 5123188
Conc: 37.06 ug/ml



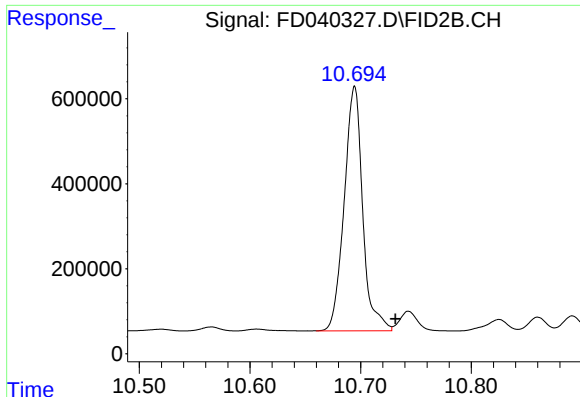
#7 n-Hexadecane (C16)

R.T.: 8.955 min
Delta R.T.: -0.031 min
Response: 5807781
Conc: 42.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.388 min
Delta R.T.: -0.035 min
Response: 5918313
Conc: 41.91 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 10.694 min
Delta R.T.: -0.037 min
Response: 6698052
Conc: 42.99 ug/ml

Instrument :

FID_D

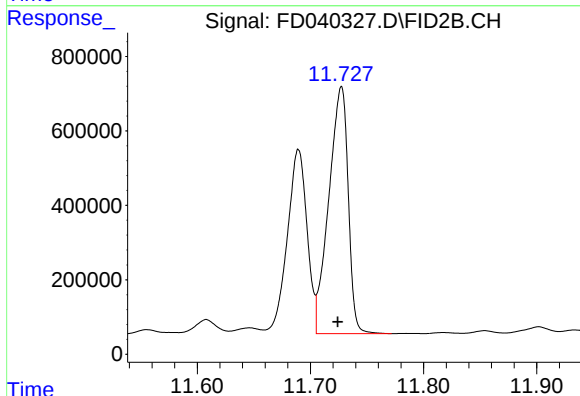
ClientSampleId :

361MS

Manual Integrations

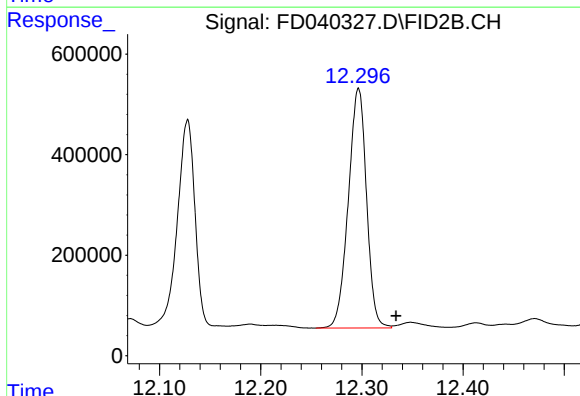
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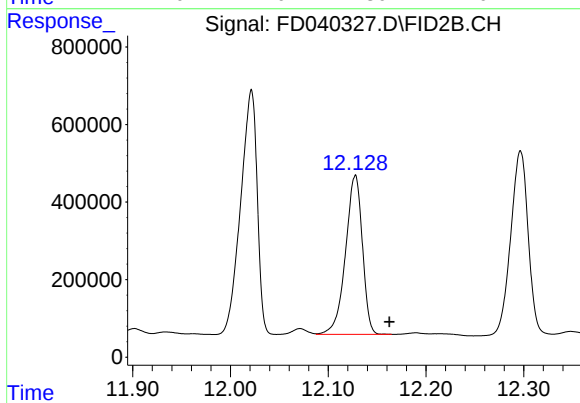
#10 n-Eicosane (C20)

R.T.: 11.727 min
Delta R.T.: 0.003 min
Response: 7909172
Conc: 56.57 ug/ml



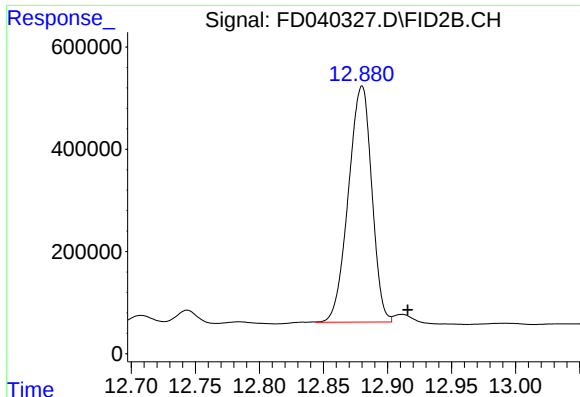
#11 n-Heneicosane (C21)

R.T.: 12.296 min
Delta R.T.: -0.037 min
Response: 5962326
Conc: 42.14 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.128 min
Delta R.T.: -0.035 min
Response: 4906791
Conc: 40.69 ug/ml m



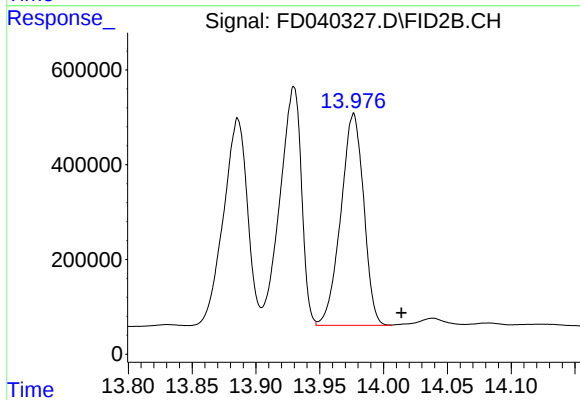
#13 n-Docosane (C22)

R.T.: 12.880 min
Delta R.T.: -0.036 min
Response: 5868142
Conc: 41.81 ug/ml

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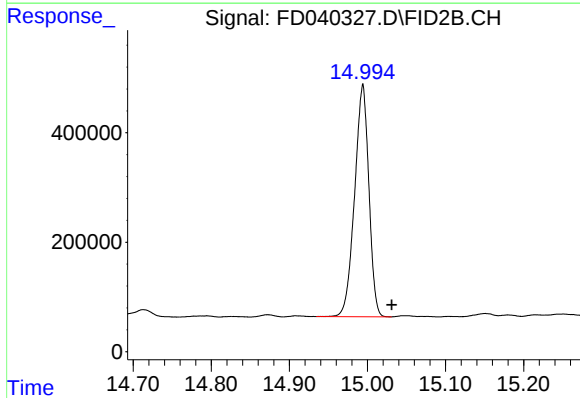
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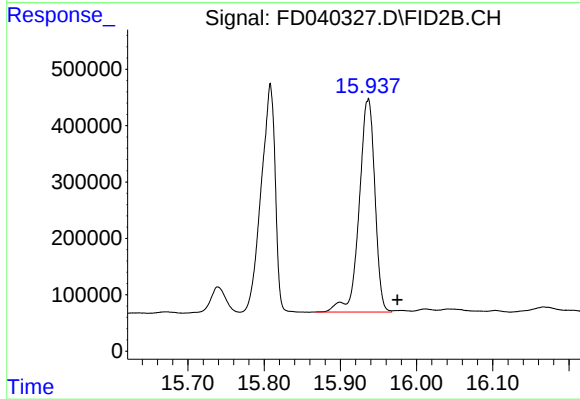
#14 n-Tetracosane (C24)

R.T.: 13.976 min
Delta R.T.: -0.038 min
Response: 5572274
Conc: 39.69 ug/ml m



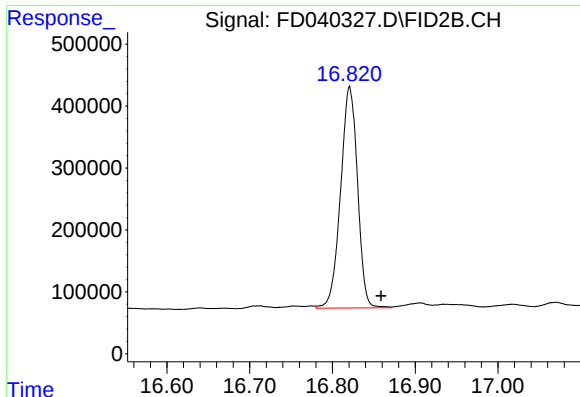
#15 n-Hexacosane (C26)

R.T.: 14.994 min
Delta R.T.: -0.037 min
Response: 5375454
Conc: 39.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.937 min
Delta R.T.: -0.038 min
Response: 5411640
Conc: 39.78 ug/ml m



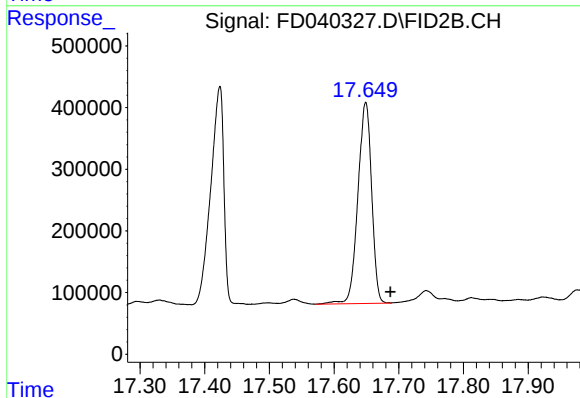
#17 n-Tricontane (C30)

R.T.: 16.821 min
Delta R.T.: -0.038 min
Response: 5081540
Conc: 37.97 ug/ml

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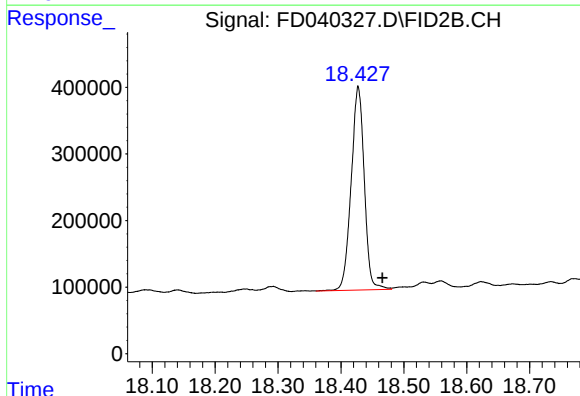
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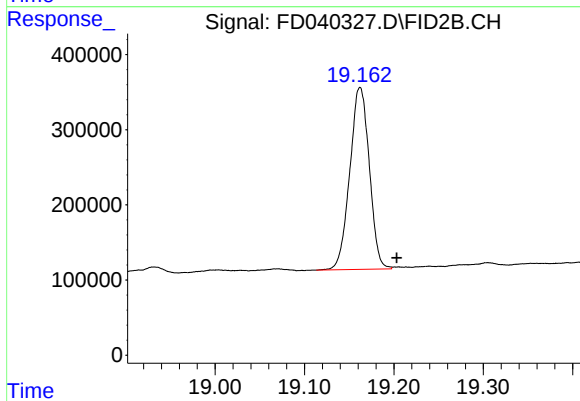
#18 n-Dotriacontane (C32)

R.T.: 17.649 min
Delta R.T.: -0.038 min
Response: 4807000
Conc: 37.14 ug/ml



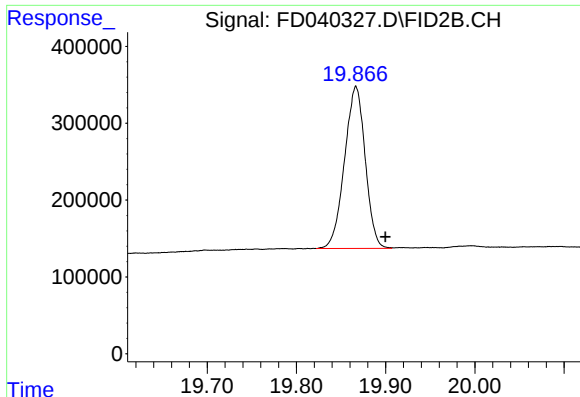
#19 n-Tetratriacontane (C34)

R.T.: 18.427 min
Delta R.T.: -0.039 min
Response: 4430042
Conc: 36.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.162 min
Delta R.T.: -0.041 min
Response: 3674504
Conc: 34.48 ug/ml m



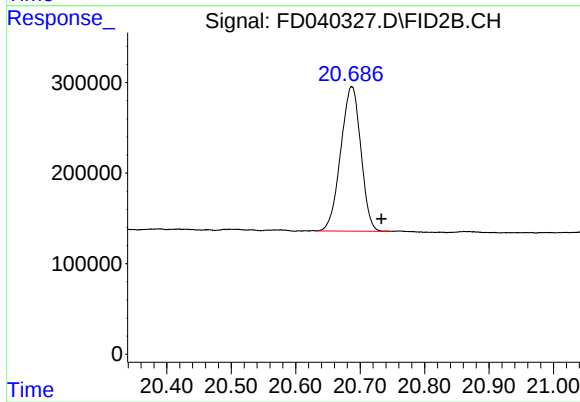
#21 n-Octatriacontane (C38)

R.T.: 19.866 min
Delta R.T.: -0.034 min
Response: 3400712
Conc: 36.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.687 min
Delta R.T.: -0.046 min
Response: 3459167
Conc: 44.43 ug/ml