

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040288.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 7:52
 Operator : AJ\MA
 Sample : PB141744BSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141744BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 08:15:31 2021
 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)	10.709	6785186	43.554 ug/ml
Spiked Amount 50.000		Recovery =	87.11%
12) S 1-chlorooctadecane (S...	12.142	5350754	44.368 ug/ml
Spiked Amount 50.000		Recovery =	88.74%
Target Compounds			
1) T n-Nonane (C9)	2.648	5341437	40.703 ug/ml
2) T n-Decane (C10)	3.636	5760362	43.518 ug/ml
3) T A~Naphthalene (C11.7)	5.171	6725073	45.577 ug/ml
4) T n-Dodecane (C12)	5.603	6160009	46.383 ug/ml
5) T A~2-methylnaphthalene...	6.212	6637130	44.728 ug/ml
6) T n-Tetradecane (C14)	7.383	6319643	45.711 ug/ml
7) T n-Hexadecane (C16)	8.970	6515343	47.517 ug/ml
8) T n-Octadecane (C18)	10.402	6497027	46.008 ug/ml
10) T n-Eicosane (C20)	11.705	6340871	45.355 ug/mlm
11) T n-Heneicosane (C21)	12.311	6235287	44.070 ug/ml
13) T n-Docosane (C22)	12.895	6177284	44.016 ug/ml
14) T n-Tetracosane (C24)	13.991	6094655	43.407 ug/ml
15) T n-Hexacosane (C26)	15.008	5816223	42.298 ug/ml
16) T n-Octacosane (C28)	15.951	5703628	41.928 ug/ml
17) T n-Tricontane (C30)	16.836	5374047	40.157 ug/ml
18) T n-Dotriacontane (C32)	17.662	5065888	39.136 ug/ml
19) T n-Tetratriacontane (C34)	18.441	4531528	37.375 ug/mlm
20) T n-Hexatriacontane (C36)	19.177	3714539	34.855 ug/mlm
21) T n-Octatriacontane (C38)	19.880	3283169	35.553 ug/mlm
22) T n-Tetracontane (C40)	20.705	3204908	41.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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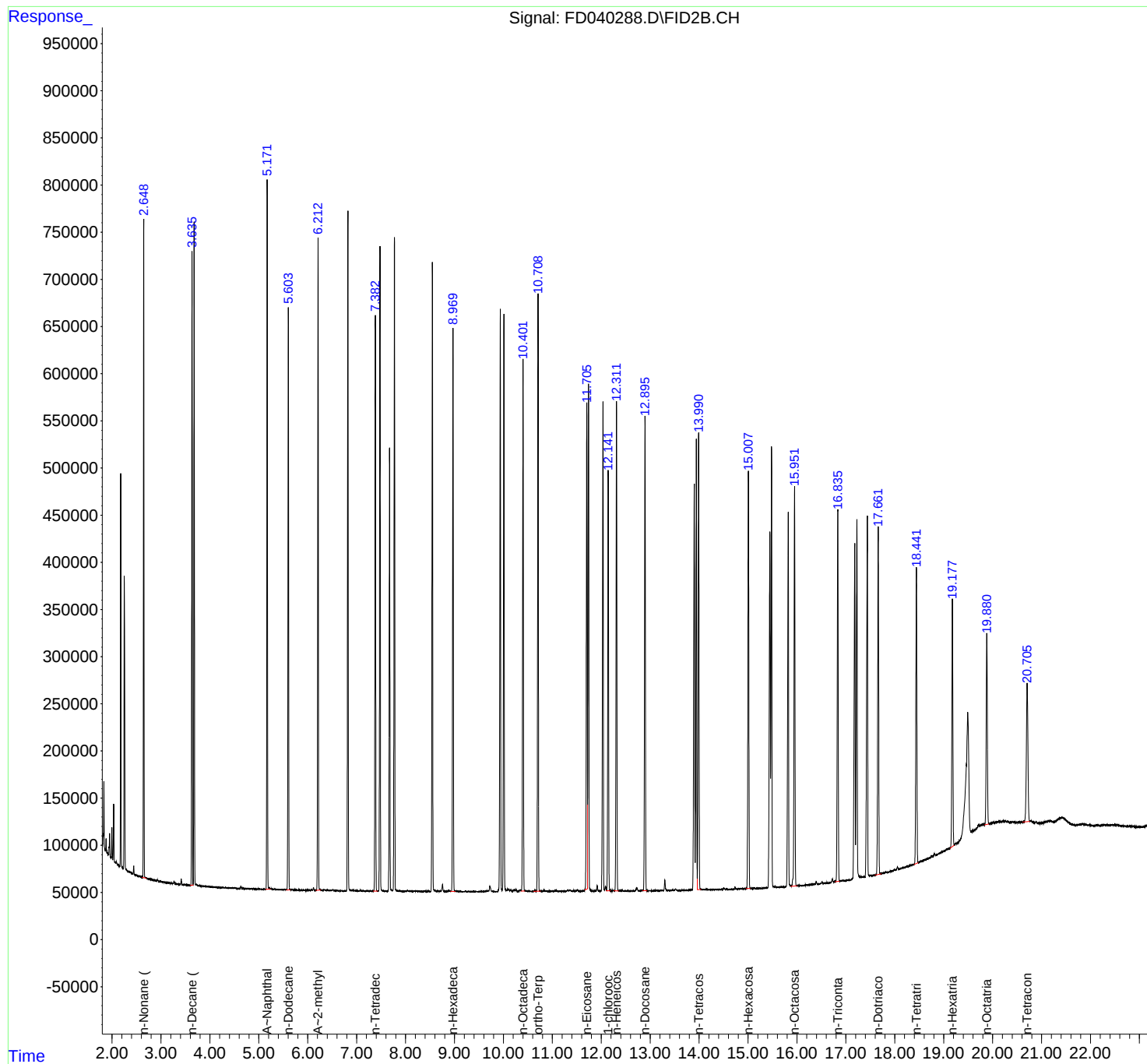
Instrument :
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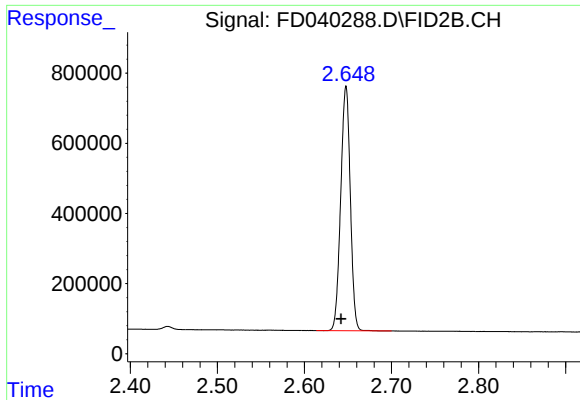
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#1 n-Nonane (C9)

R.T.: 2.648 min
Delta R.T.: 0.006 min
Response: 5341437
Conc: 40.70 ug/ml

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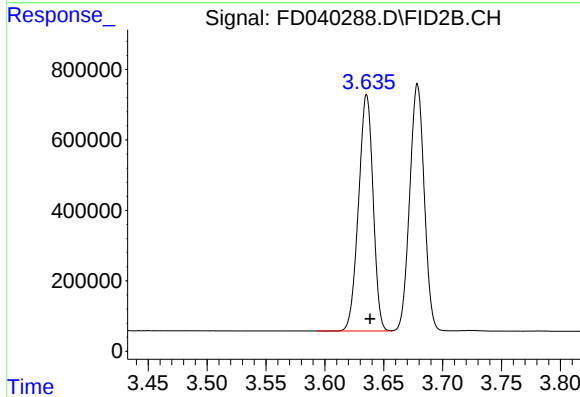
PB141744BSD

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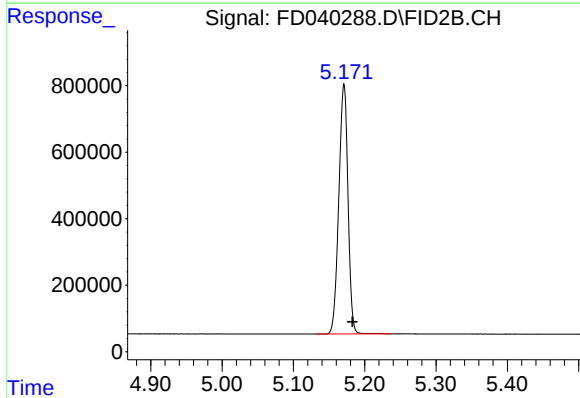
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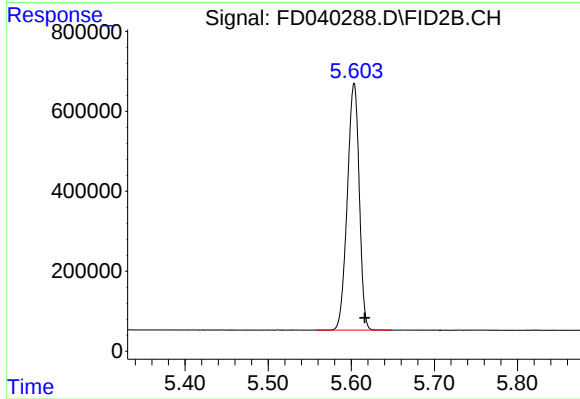
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 5760362
Conc: 43.52 ug/ml



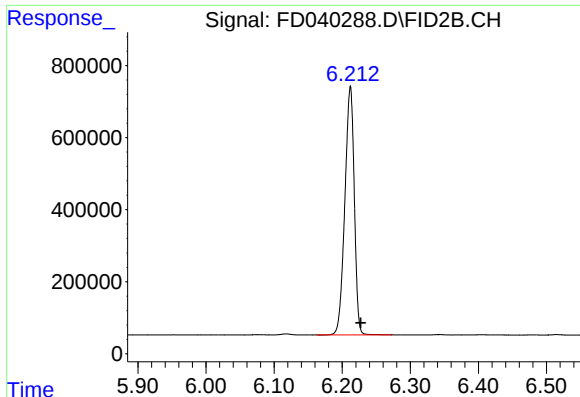
#3 A~Naphthalene (C11.7)

R.T.: 5.171 min
Delta R.T.: -0.012 min
Response: 6725073
Conc: 45.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.603 min
Delta R.T.: -0.013 min
Response: 6160009
Conc: 46.38 ug/ml



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

R.T.: 6.212 min
Delta R.T.: -0.015 min
Response: 6637130
Conc: 44.73 ug/ml

Instrument :

FID_D

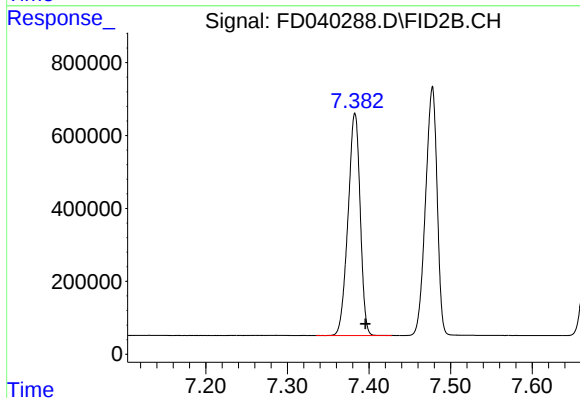
ClientSampleId :

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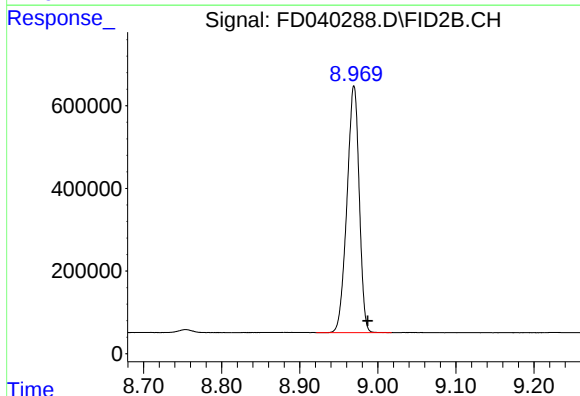
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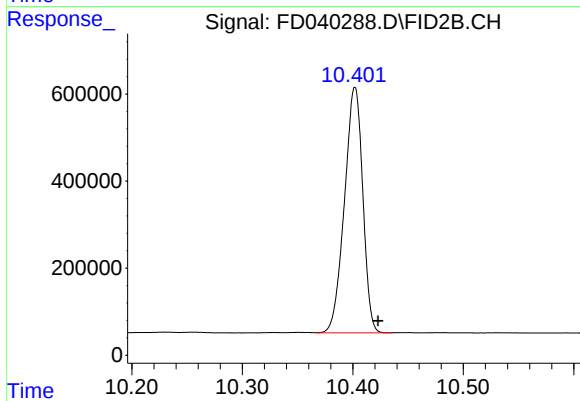
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 6319643
Conc: 45.71 ug/ml



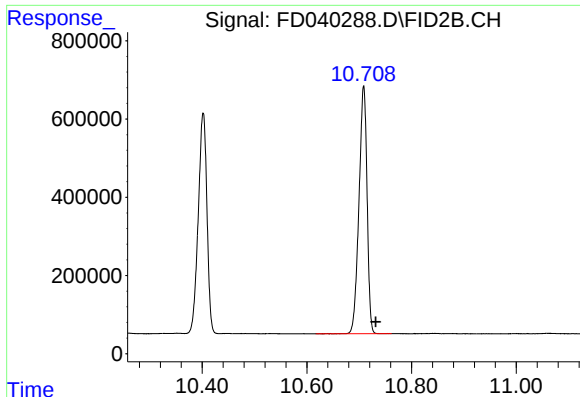
#7 n-Hexadecane (C16)

R.T.: 8.970 min
Delta R.T.: -0.017 min
Response: 6515343
Conc: 47.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.402 min
Delta R.T.: -0.021 min
Response: 6497027
Conc: 46.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.023 min
Response: 6785186
Conc: 43.55 ug/ml

Instrument :

FID_D

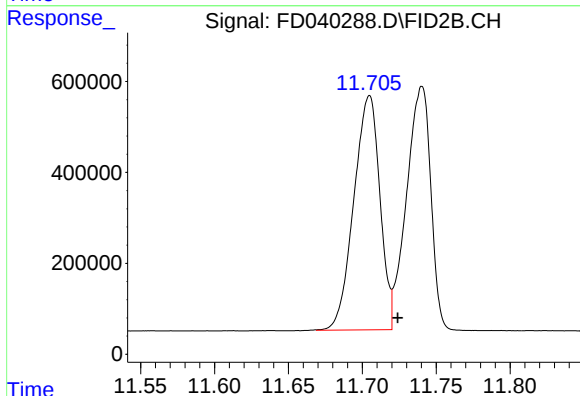
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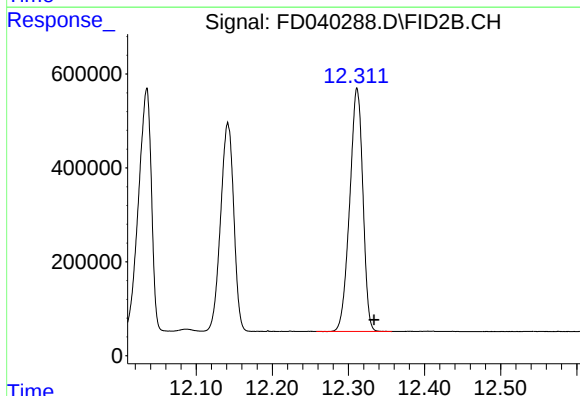
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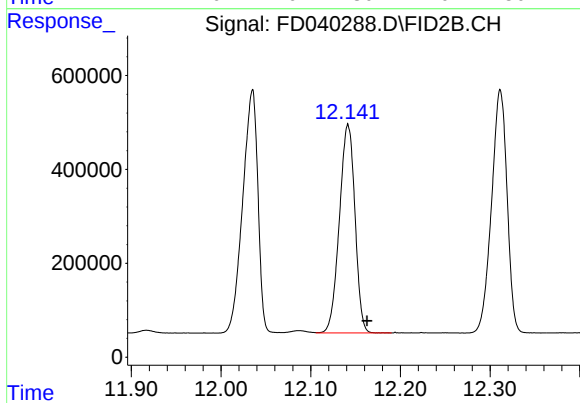
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.019 min
Response: 6340871
Conc: 45.35 ug/ml m



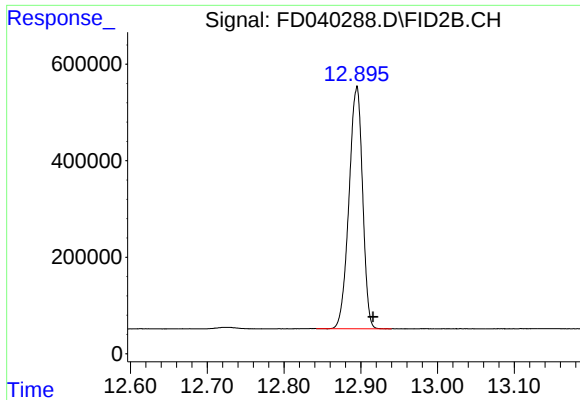
#11 n-Heneicosane (C21)

R.T.: 12.311 min
Delta R.T.: -0.022 min
Response: 6235287
Conc: 44.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.021 min
Response: 5350754
Conc: 44.37 ug/ml



#13 n-Docosane (C22)

R.T.: 12.895 min
Delta R.T.: -0.021 min
Response: 6177284
Conc: 44.02 ug/ml

Instrument :

FID_D

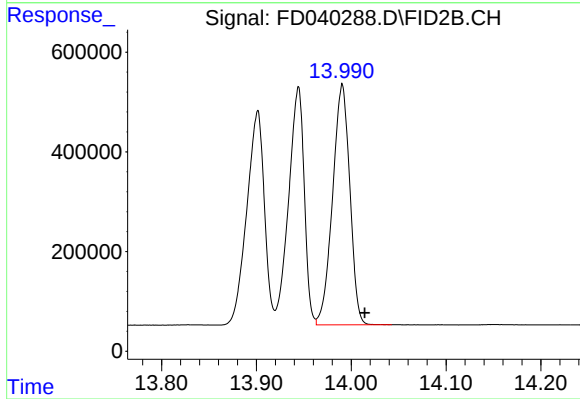
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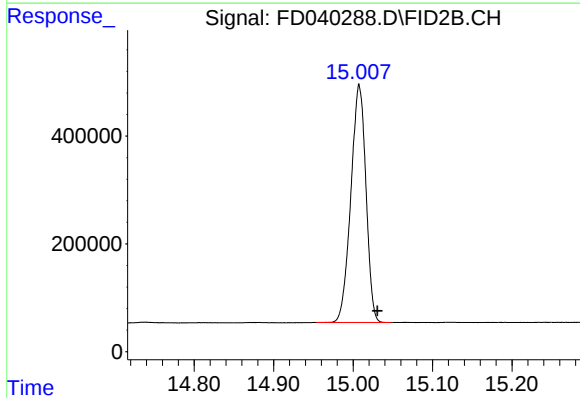
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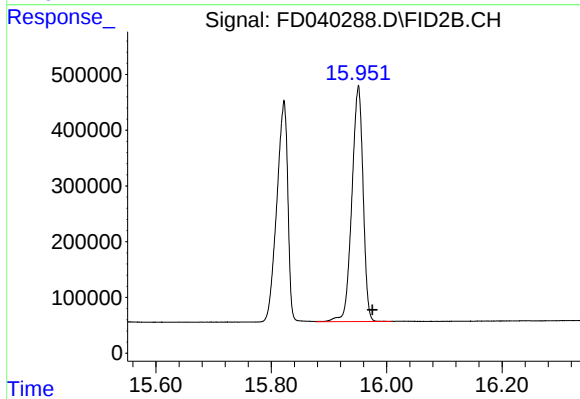
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: -0.023 min
Response: 6094655
Conc: 43.41 ug/ml



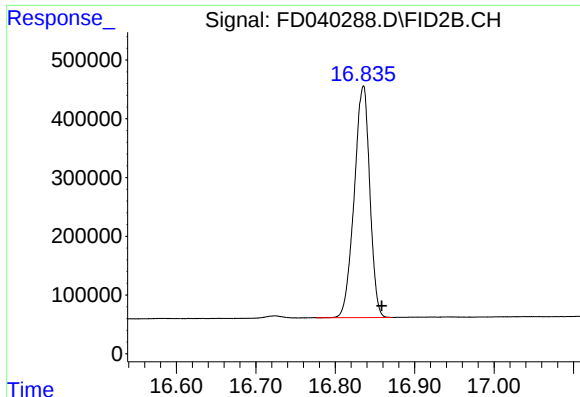
#15 n-Hexacosane (C26)

R.T.: 15.008 min
Delta R.T.: -0.023 min
Response: 5816223
Conc: 42.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.024 min
Response: 5703628
Conc: 41.93 ug/ml



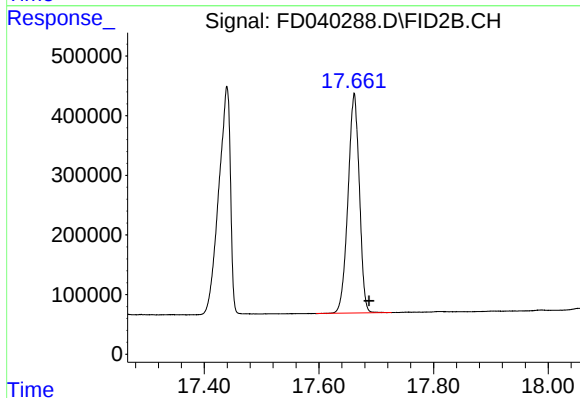
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.023 min
Response: 5374047
Conc: 40.16 ug/ml

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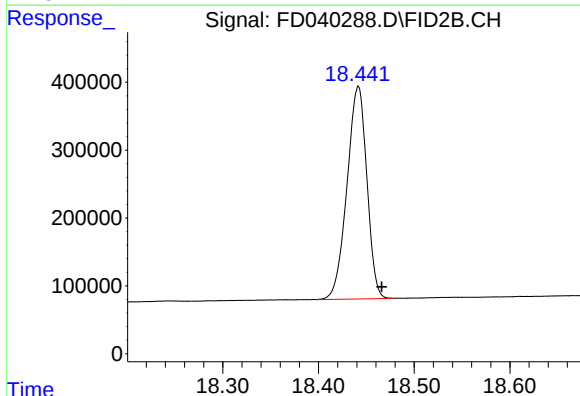
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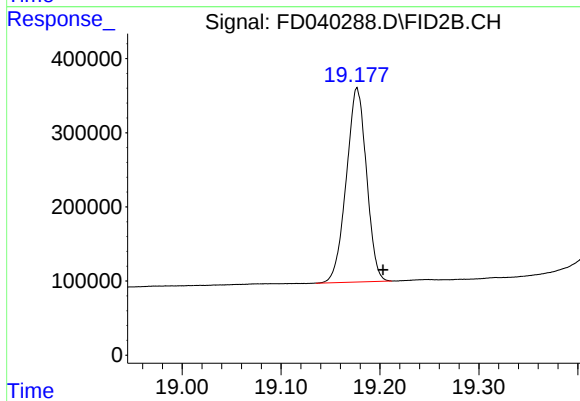
#18 n-Dotriacontane (C32)

R.T.: 17.662 min
Delta R.T.: -0.026 min
Response: 5065888
Conc: 39.14 ug/ml



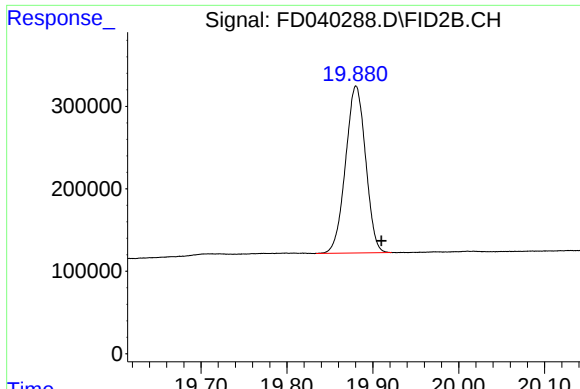
#19 n-Tetratriacontane (C34)

R.T.: 18.441 min
Delta R.T.: -0.025 min
Response: 4531528
Conc: 37.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.177 min
Delta R.T.: -0.026 min
Response: 3714539
Conc: 34.86 ug/ml m



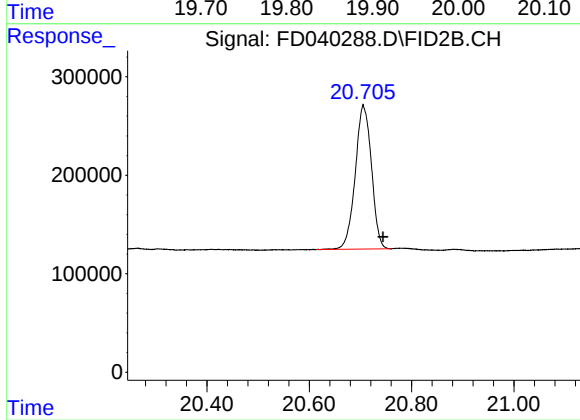
#21 n-Octatriacontane (C38)

R.T.: 19.880 min
Delta R.T.: -0.030 min
Response: 3283169
Conc: 35.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.705 min
Delta R.T.: -0.039 min
Response: 3204908
Conc: 41.16 ug/ml