

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040280.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 3:22
 Operator : AJ\MA
 Sample : PB141743BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141743BSD

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 04:21:56 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)	10.711	6926300	44.460 ug/ml
Spiked Amount 50.000		Recovery =	88.92%
12) S 1-chlorooctadecane (S...	12.144	5423049	44.968 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			
1) T n-Nonane (C9)	2.661	6324879	48.197 ug/ml
2) T n-Decane (C10)	3.644	6643644	50.191 ug/ml
3) T A~Naphthalene (C11.7)	5.176	7430052	50.355 ug/ml
4) T n-Dodecane (C12)	5.607	6734023	50.705 ug/ml
5) T A~2-methylnaphthalene...	6.215	7096140	47.821 ug/ml
6) T n-Tetradecane (C14)	7.384	6695680	48.431 ug/ml
7) T n-Hexadecane (C16)	8.972	6754186	49.259 ug/ml
8) T n-Octadecane (C18)	10.405	6641691	47.032 ug/ml
10) T n-Eicosane (C20)	11.706	6472619	46.297 ug/mlm
11) T n-Heneicosane (C21)	12.314	6257385	44.226 ug/ml
13) T n-Docosane (C22)	12.897	6169791	43.963 ug/ml
14) T n-Tetracosane (C24)	13.993	6045649	43.058 ug/ml
15) T n-Hexacosane (C26)	15.009	5738630	41.734 ug/ml
16) T n-Octacosane (C28)	15.954	5640983	41.467 ug/ml
17) T n-Tricontane (C30)	16.837	5352308	39.994 ug/ml
18) T n-Dotriacontane (C32)	17.665	5023324	38.807 ug/ml
19) T n-Tetratriacontane (C34)	18.444	4370834	36.050 ug/mlm
20) T n-Hexatriacontane (C36)	19.178	3364342	31.569 ug/mlm
21) T n-Octatriacontane (C38)	19.882	2727374	29.534 ug/mlm
22) T n-Tetracontane (C40)	20.709	2446723	31.423 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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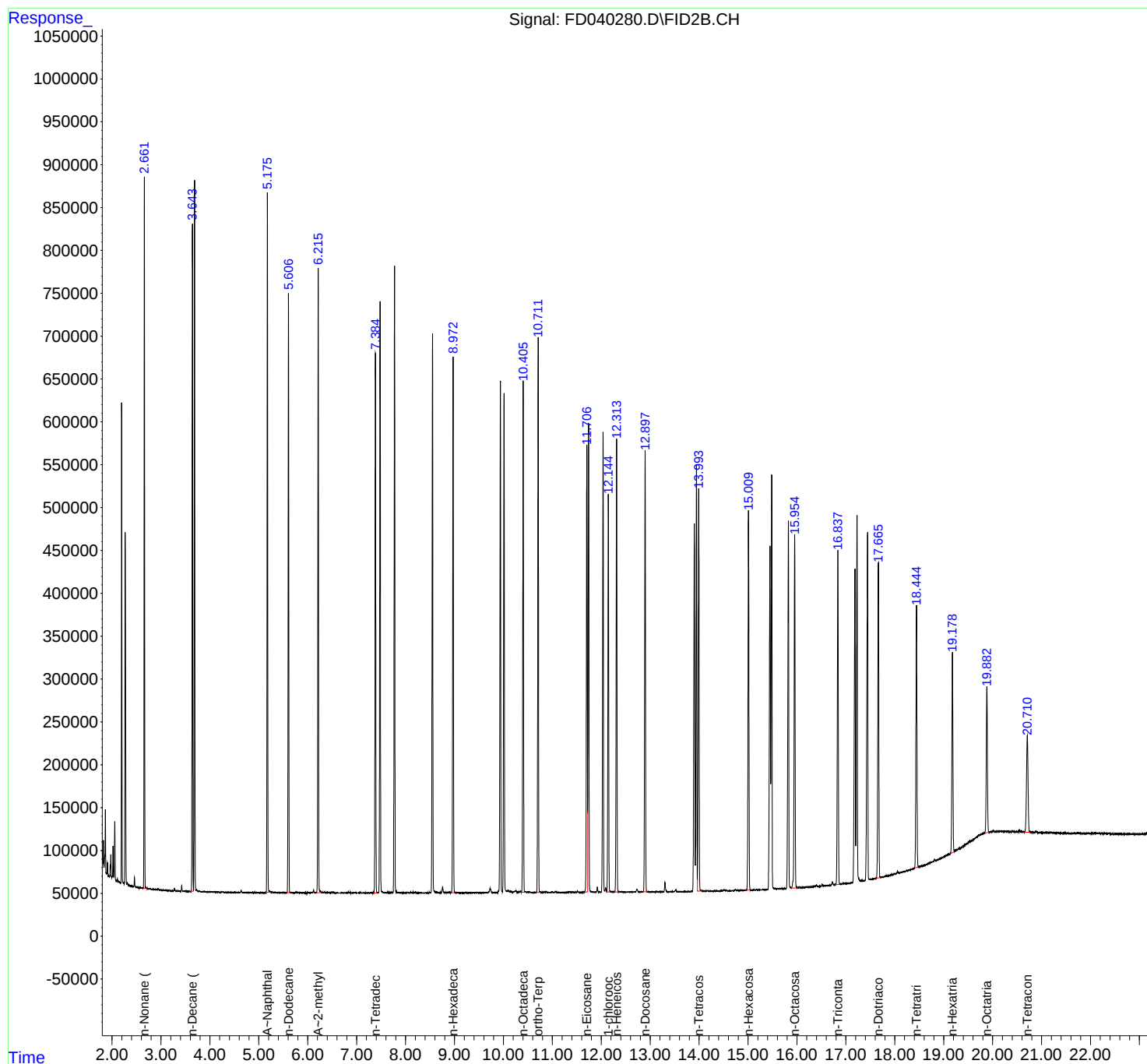
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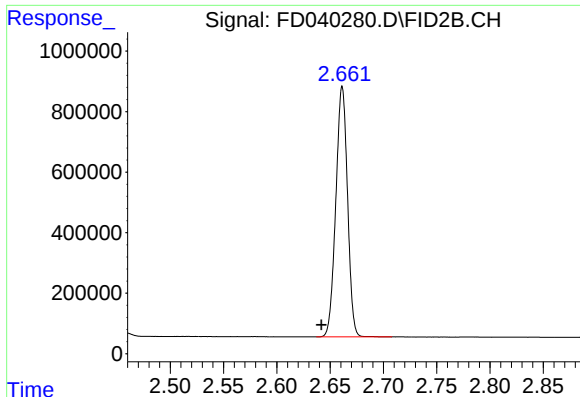
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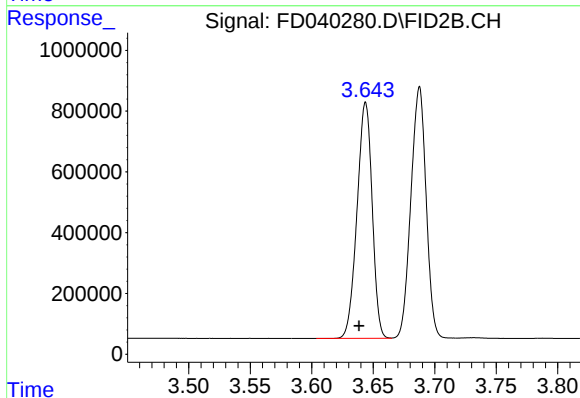
#1 n-Nonane (C9)

R.T.: 2.661 min
Delta R.T.: 0.019 min
Response: 6324879
Conc: 48.20 ug/ml

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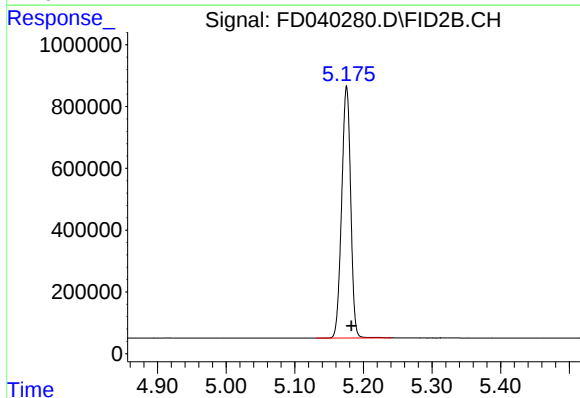
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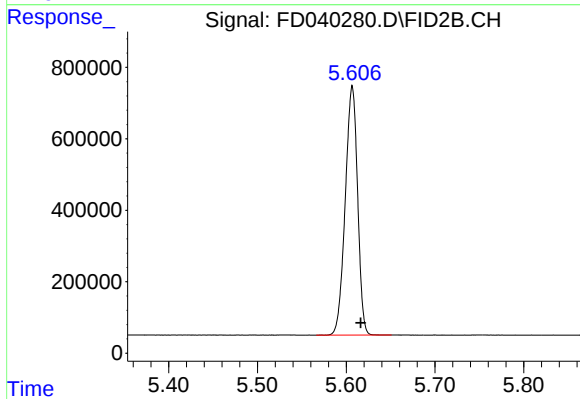
#2 n-Decane (C10)

R.T.: 3.644 min
Delta R.T.: 0.005 min
Response: 6643644
Conc: 50.19 ug/ml



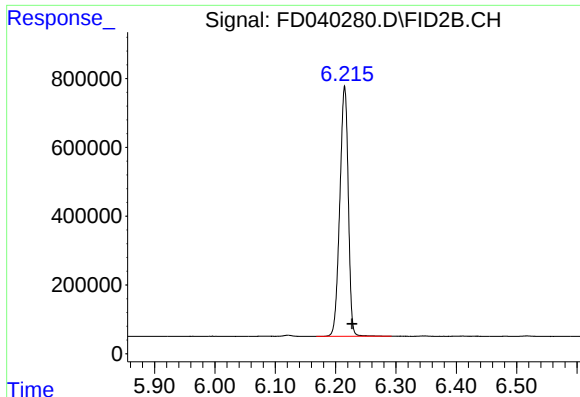
#3 A~Naphthalene (C11.7)

R.T.: 5.176 min
Delta R.T.: -0.007 min
Response: 7430052
Conc: 50.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 6734023
Conc: 50.71 ug/ml



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

R.T.: 6.215 min
Delta R.T.: -0.012 min
Response: 7096140
Conc: 47.82 ug/ml

Instrument :

FID_D

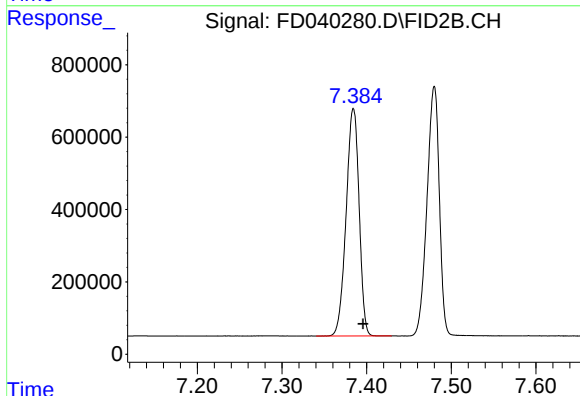
ClientSampleId :

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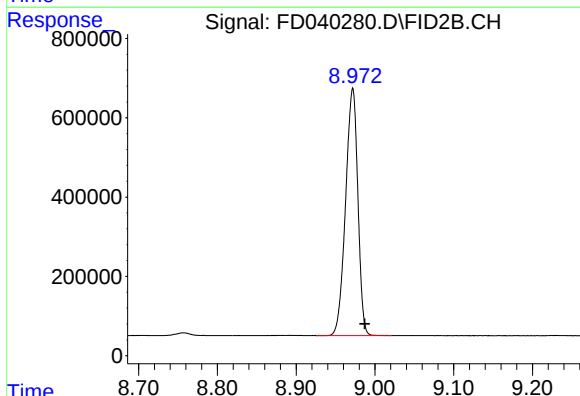
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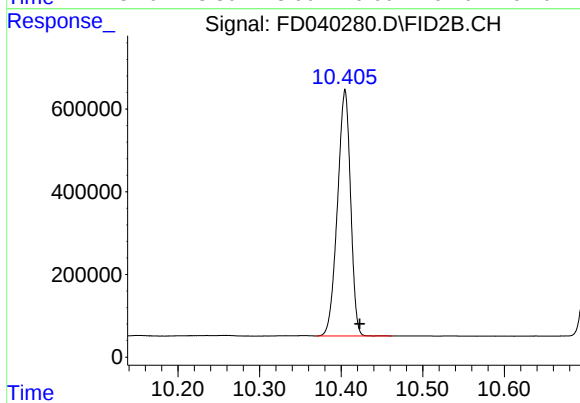
#6 n-Tetradecane (C14)

R.T.: 7.384 min
Delta R.T.: -0.011 min
Response: 6695680
Conc: 48.43 ug/ml



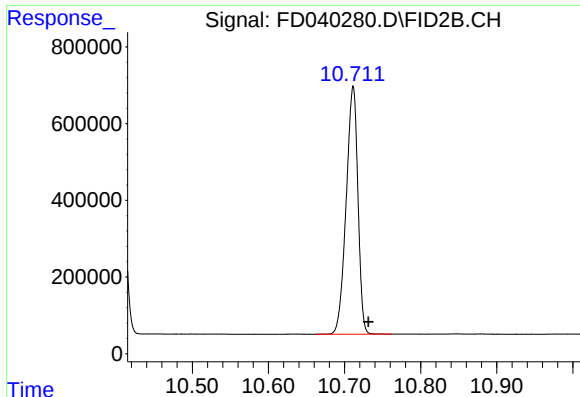
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.015 min
Response: 6754186
Conc: 49.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.405 min
Delta R.T.: -0.018 min
Response: 6641691
Conc: 47.03 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.020 min
Response: 6926300
Conc: 44.46 ug/ml

Instrument :

FID_D

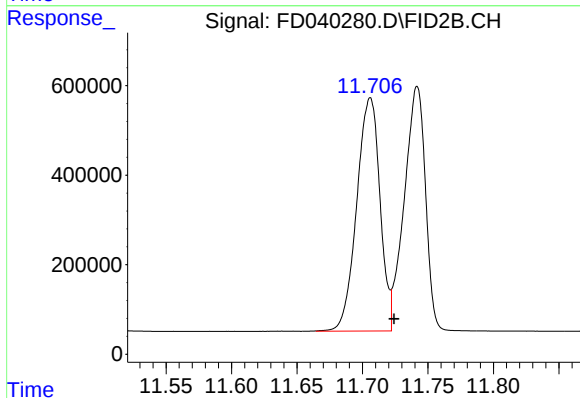
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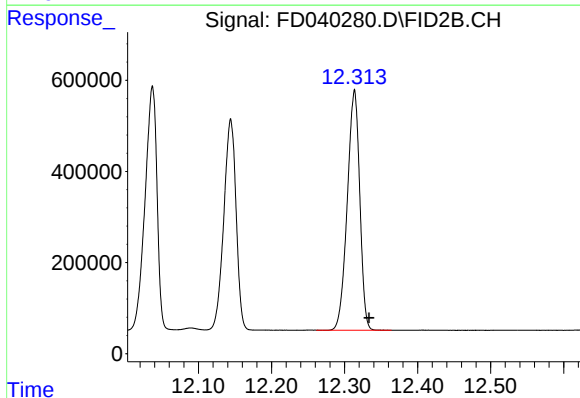
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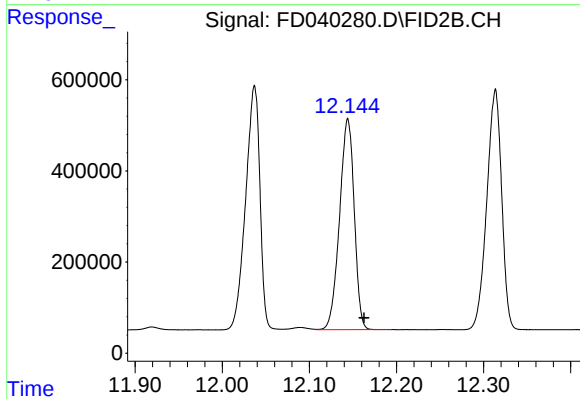
#10 n-Eicosane (C20)

R.T.: 11.706 min
Delta R.T.: -0.018 min
Response: 6472619
Conc: 46.30 ug/ml m



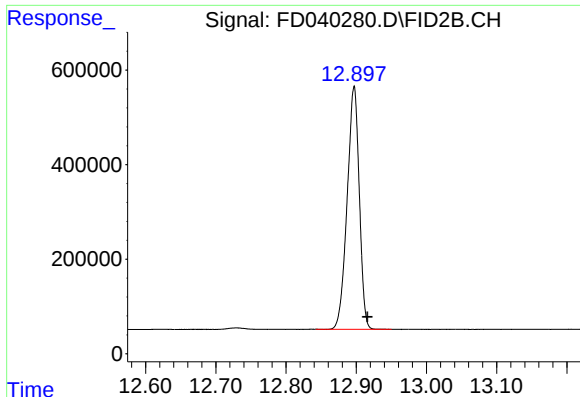
#11 n-Heneicosane (C21)

R.T.: 12.314 min
Delta R.T.: -0.020 min
Response: 6257385
Conc: 44.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.144 min
Delta R.T.: -0.019 min
Response: 5423049
Conc: 44.97 ug/ml



#13 n-Docosane (C22)

R.T.: 12.897 min
Delta R.T.: -0.019 min
Response: 6169791
Conc: 43.96 ug/ml

Instrument :

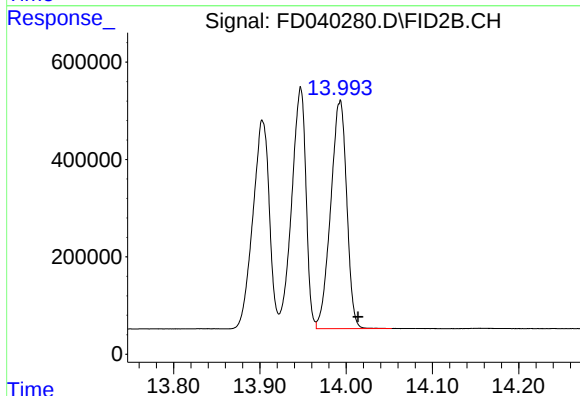
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ClientSampleId :

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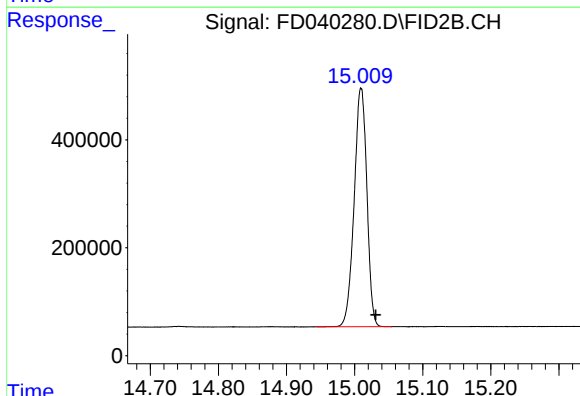
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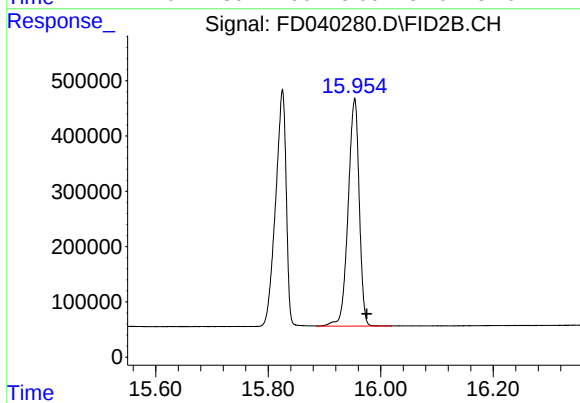
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: -0.021 min
Response: 6045649
Conc: 43.06 ug/ml



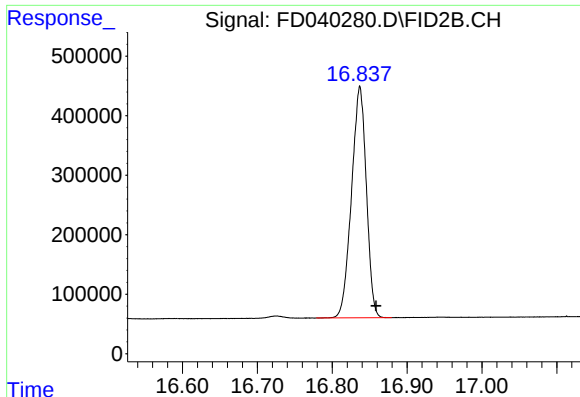
#15 n-Hexacosane (C26)

R.T.: 15.009 min
Delta R.T.: -0.021 min
Response: 5738630
Conc: 41.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.954 min
Delta R.T.: -0.021 min
Response: 5640983
Conc: 41.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.837 min
Delta R.T.: -0.022 min
Response: 5352308
Conc: 39.99 ug/ml

Instrument :

FID_D

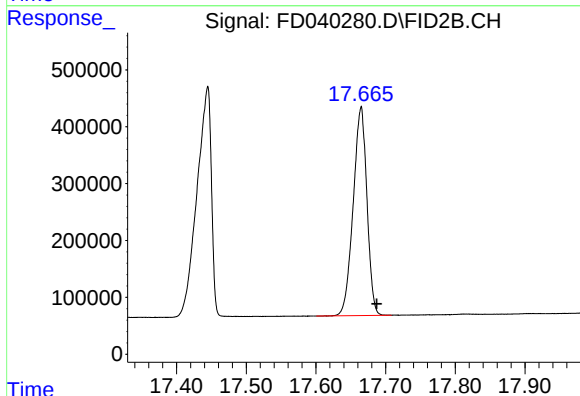
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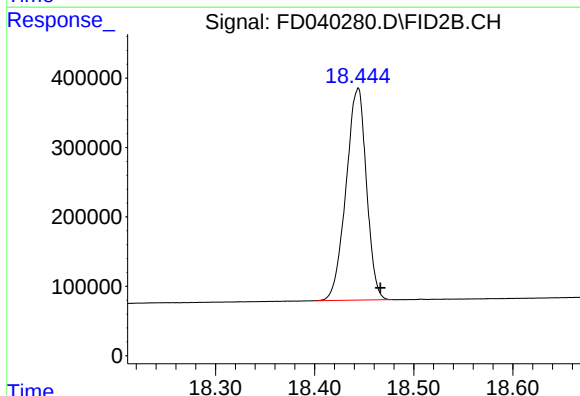
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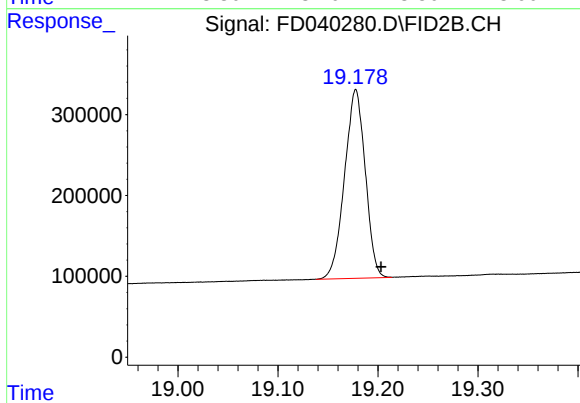
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.022 min
Response: 5023324
Conc: 38.81 ug/ml



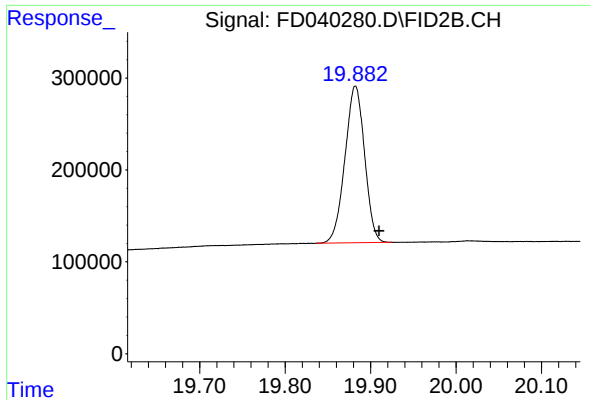
#19 n-Tetratriacontane (C34)

R.T.: 18.444 min
Delta R.T.: -0.022 min
Response: 4370834
Conc: 36.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.178 min
Delta R.T.: -0.026 min
Response: 3364342
Conc: 31.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.028 min
Response: 2727374
Conc: 29.53 ug/ml

Instrument :

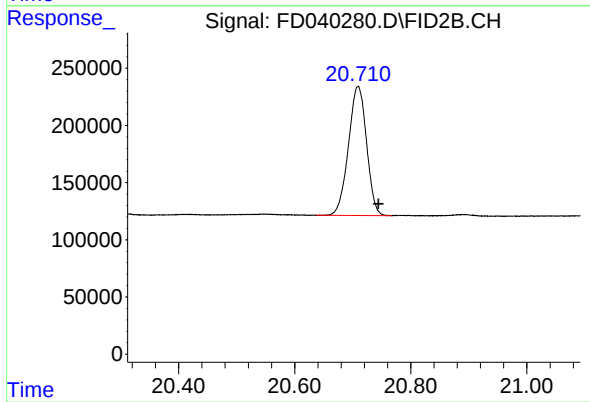
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#22 n-Tetracontane (C40)

R.T.: 20.709 min
Delta R.T.: -0.035 min
Response: 2446723
Conc: 31.42 ug/ml