

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061122AL\
 Data File : FD042876.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2022 3:56
 Operator : UA/NP
 Sample : N3302-02MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 I-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: sample.E
 Quant Time: Jun 11 07:07:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.580	5139928	30.948 ug/ml
Spiked Amount 50.000		Recovery =	61.90%
12) S 1-chlorooctadecane (S...	13.014	4156620	31.827 ug/ml
Spiked Amount 50.000		Recovery =	63.65%
Target Compounds			
1) T n-Nonane (C9)	3.348	4690279	33.857 ug/ml
2) T n-Decane (C10)	4.416	5309732	38.453 ug/ml
3) T A~Naphthalene (C11.7)	5.998	6640392	42.212 ug/ml
4) T n-Dodecane (C12)	6.431	5977199	42.180 ug/ml
5) T A~2-methylnaphthalene...	7.054	6888729	43.027 ug/ml
6) T n-Tetradecane (C14)	8.227	6638653	46.097 ug/ml
7) T n-Hexadecane (C16)	9.825	7174144	48.636 ug/ml
8) T n-Octadecane (C18)	11.265	7453831	49.522 ug/ml
10) T n-Eicosane (C20)	12.573	7133972	47.440 ug/ml
11) T n-Heneicosane (C21)	13.184	6980719	46.113 ug/ml
13) T n-Docosane (C22)	13.768	6890039	45.581 ug/ml
14) T n-Tetracosane (C24)	14.870	5468236	36.436 ug/ml
15) T n-Hexacosane (C26)	15.890	6258426	42.927 ug/ml
16) T n-Octacosane (C28)	16.837	6109529	43.804 ug/ml
17) T n-Tricontane (C30)	17.724	5820857	44.522 ug/mlm
18) T n-Dotriacontane (C32)	18.554	5722759	48.467 ug/ml
19) T n-Tetratriacontane (C34)	19.338	5593745	52.621 ug/mlm
20) T n-Hexatriacontane (C36)	20.075	5074009	51.893 ug/mlm
21) T n-Octatriacontane (C38)	20.809	4825464	52.903 ug/ml
22) T n-Tetracontane (C40)	21.712	5027939	62.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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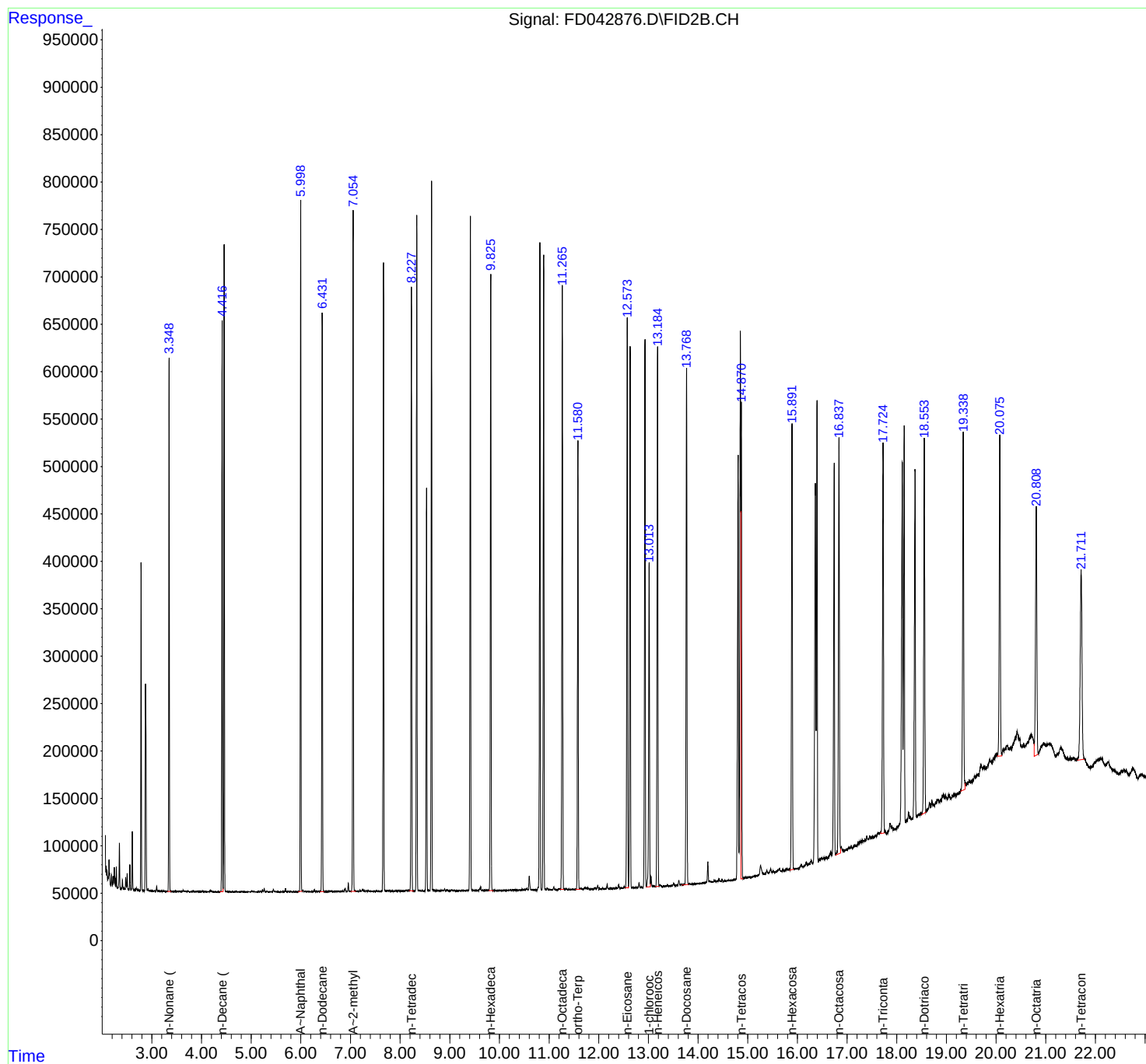
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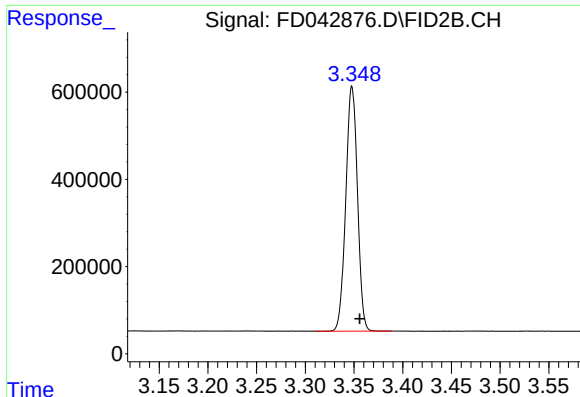
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#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.008 min
Response: 4690279
Conc: 33.86 ug/ml

Instrument :

FID_D

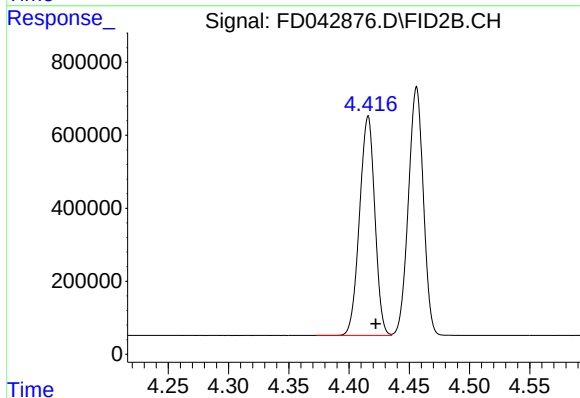
ClientSampleId :

I-2MS

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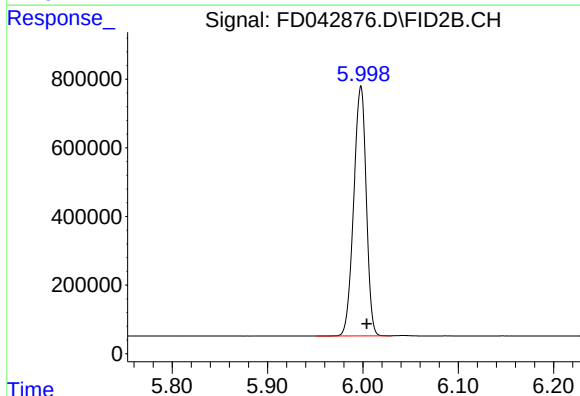
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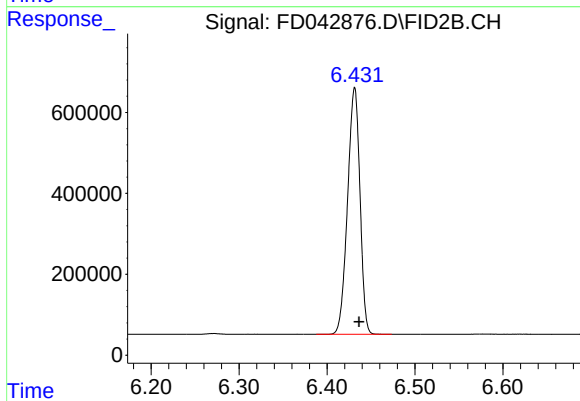
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.006 min
Response: 5309732
Conc: 38.45 ug/ml



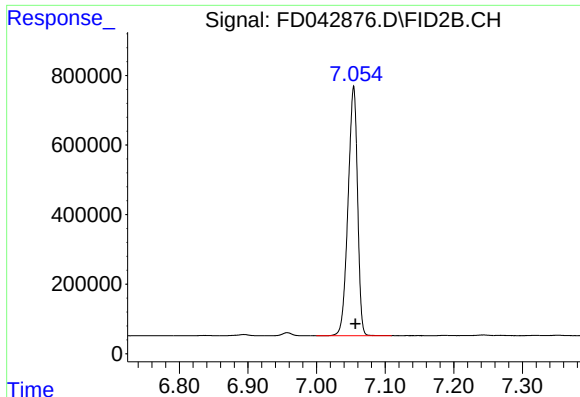
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 6640392
Conc: 42.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 5977199
Conc: 42.18 ug/ml



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

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 6888729
Conc: 43.03 ug/ml

Instrument :

FID_D

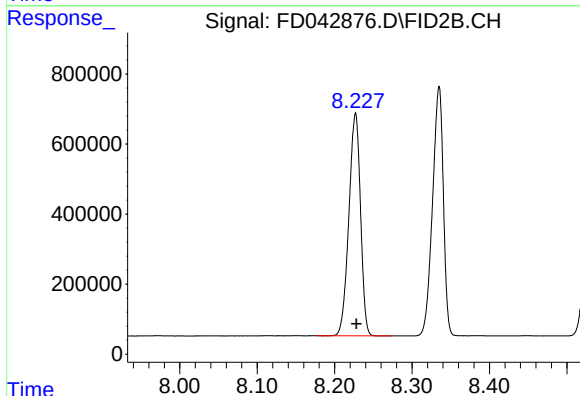
ClientSampleId :

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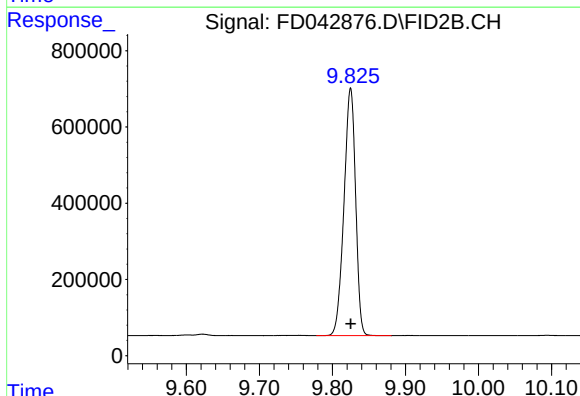
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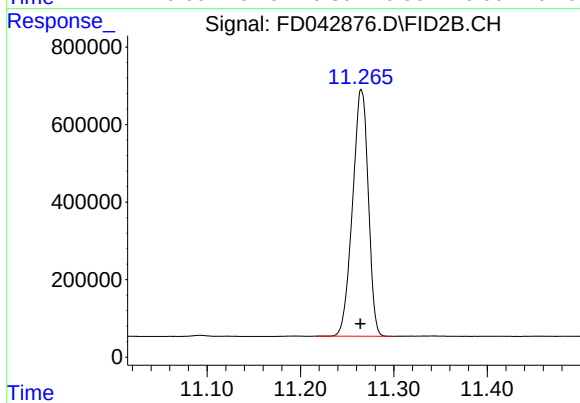
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 6638653
Conc: 46.10 ug/ml



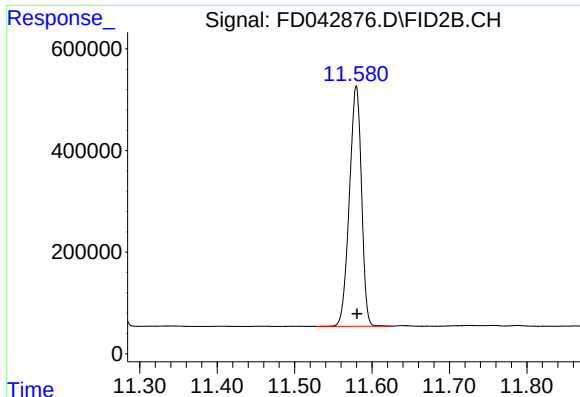
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 7174144
Conc: 48.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: 0.001 min
Response: 7453831
Conc: 49.52 ug/ml



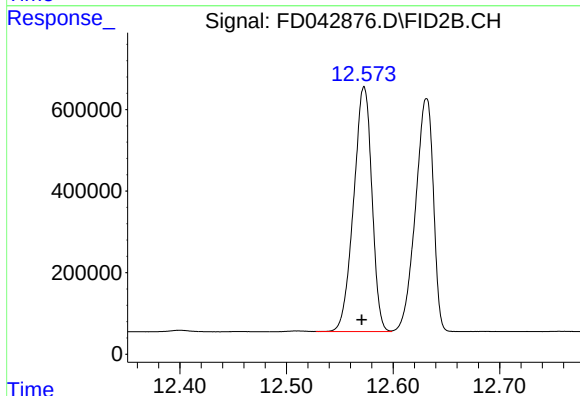
#9 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 5139928
Conc: 30.95 ug/ml

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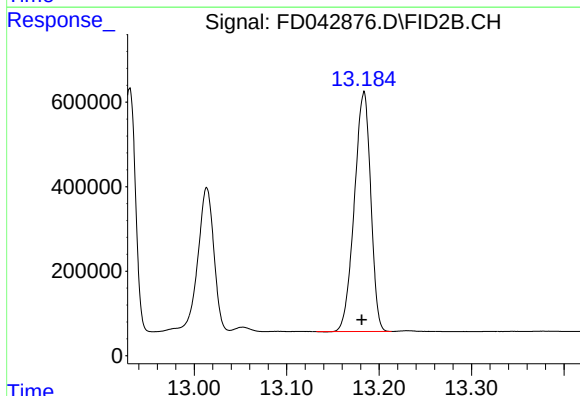
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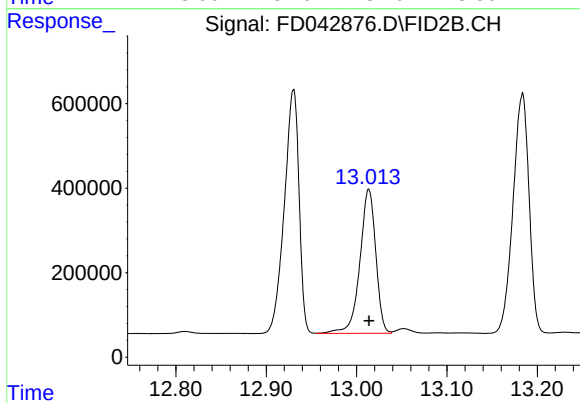
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 7133972
Conc: 47.44 ug/ml



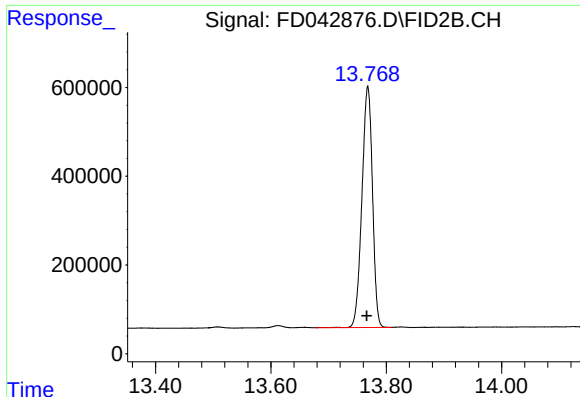
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.002 min
Response: 6980719
Conc: 46.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: 0.000 min
Response: 4156620
Conc: 31.83 ug/ml



#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.002 min
Response: 6890039
Conc: 45.58 ug/ml

Instrument :

FID_D

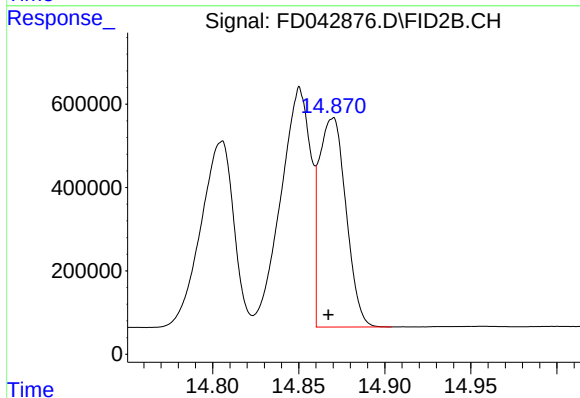
ClientSampleId :

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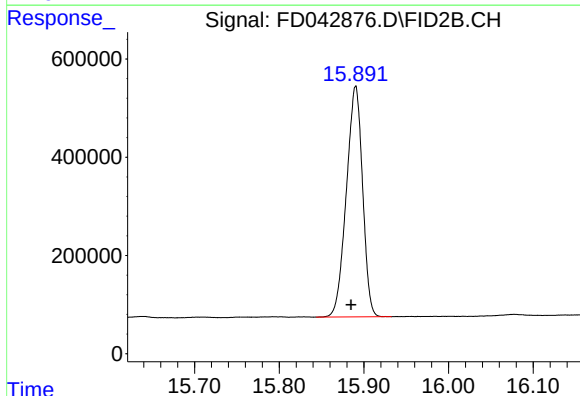
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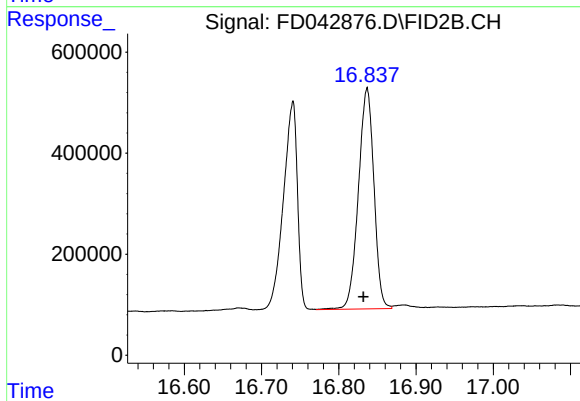
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: 0.003 min
Response: 5468236
Conc: 36.44 ug/ml



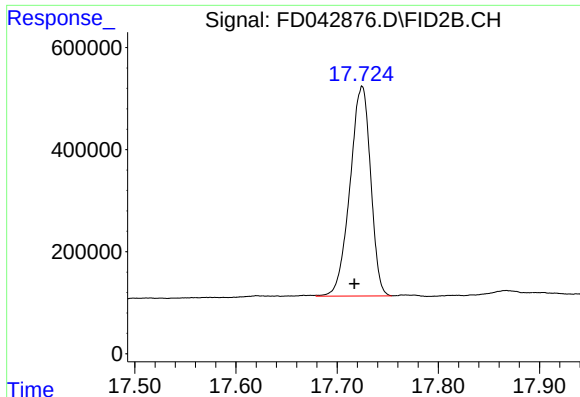
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.006 min
Response: 6258426
Conc: 42.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.005 min
Response: 6109529
Conc: 43.80 ug/ml



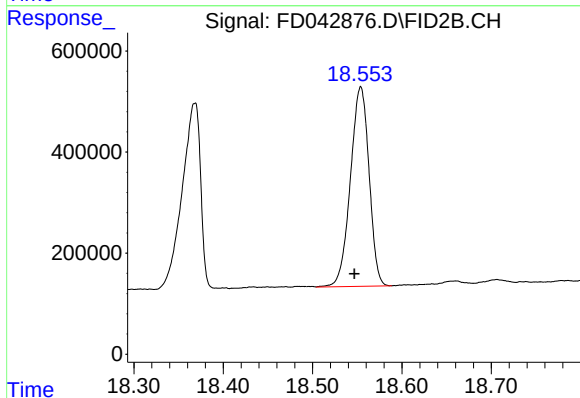
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.007 min
Response: 5820857
Conc: 44.52 ug/ml

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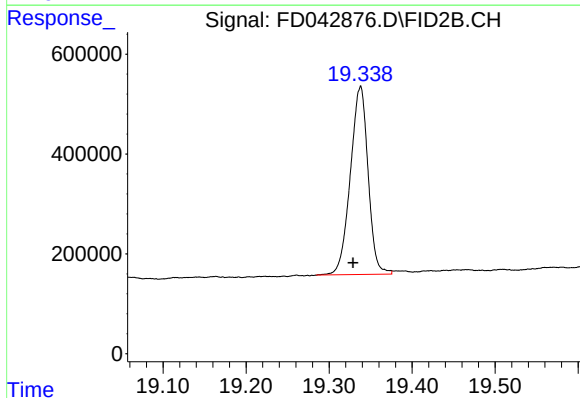
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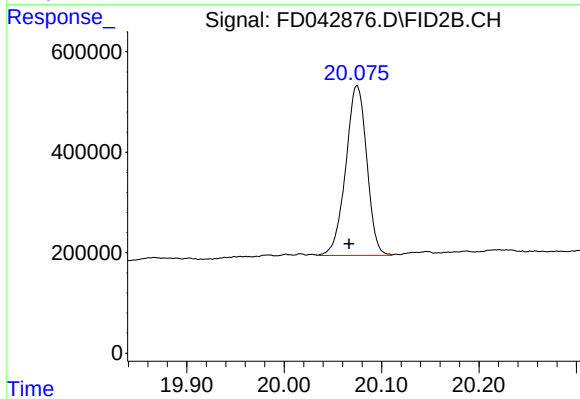
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.007 min
Response: 5722759
Conc: 48.47 ug/ml



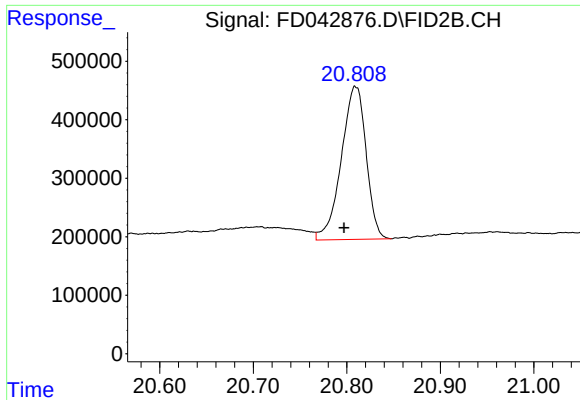
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.009 min
Response: 5593745
Conc: 52.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.008 min
Response: 5074009
Conc: 51.89 ug/ml m



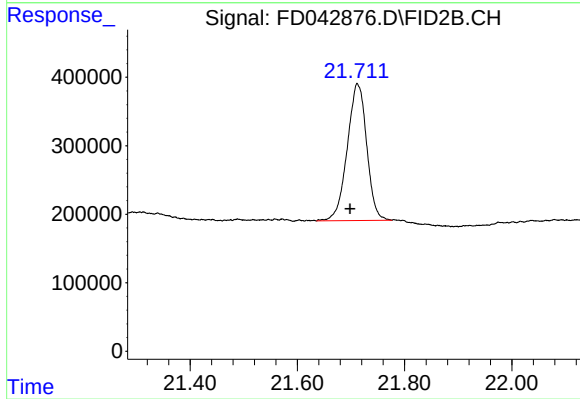
#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: 0.012 min
Response: 4825464
Conc: 52.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: 0.013 min
Response: 5027939
Conc: 62.05 ug/ml