

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042362.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 1:57
 Operator : UA/NP
 Sample : PB144636BSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144636BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2022
 Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
 Quant Time: May 09 00:49:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.219	10193196	60.779 ug/ml
Spiked Amount 50.000		Recovery =	121.56%
12) S 1-chlorooctadecane (S...	12.656	8294101	62.854 ug/ml
Spiked Amount 50.000		Recovery =	125.71%
Target Compounds			
1) T n-Nonane (C9)	3.091	2504296	18.373 ug/ml
2) T n-Decane (C10)	4.133	2555553	19.069 ug/ml
3) T A~Naphthalene (C11.7)	5.683	2820937	19.461 ug/ml
4) T n-Dodecane (C12)	6.125	2695005	18.930 ug/ml
5) T A~2-methylnaphthalene...	6.728	3111985	22.332 ug/ml
6) T n-Tetradecane (C14)	7.903	4570663	32.087 ug/ml
7) T n-Hexadecane (C16)	9.489	8621848	59.331 ug/ml
8) T n-Octadecane (C18)	10.921	10313767	68.816 ug/ml
10) T n-Eicosane (C20)	12.221	10207554	66.689 ug/ml
11) T n-Heneicosane (C21)	12.827	10066179	65.294 ug/ml
13) T n-Docosane (C22)	13.410	9958471	64.605 ug/ml
14) T n-Tetracosane (C24)	14.505	10280577	66.475 ug/ml
15) T n-Hexacosane (C26)	15.522	9532158	61.971 ug/ml
16) T n-Octacosane (C28)	16.463	9330892	61.030 ug/ml
17) T n-Tricontane (C30)	17.349	8914967	59.434 ug/ml
18) T n-Dotriacontane (C32)	18.174	8829317	62.443 ug/ml
19) T n-Tetratriacontane (C34)	18.951	8000353	62.167 ug/mlm
20) T n-Hexatriacontane (C36)	19.688	7539321	66.625 ug/mlm
21) T n-Octatriacontane (C38)	20.385	7196989	72.131 ug/mlm
22) T n-Tetracontane (C40)	21.161	7021517	77.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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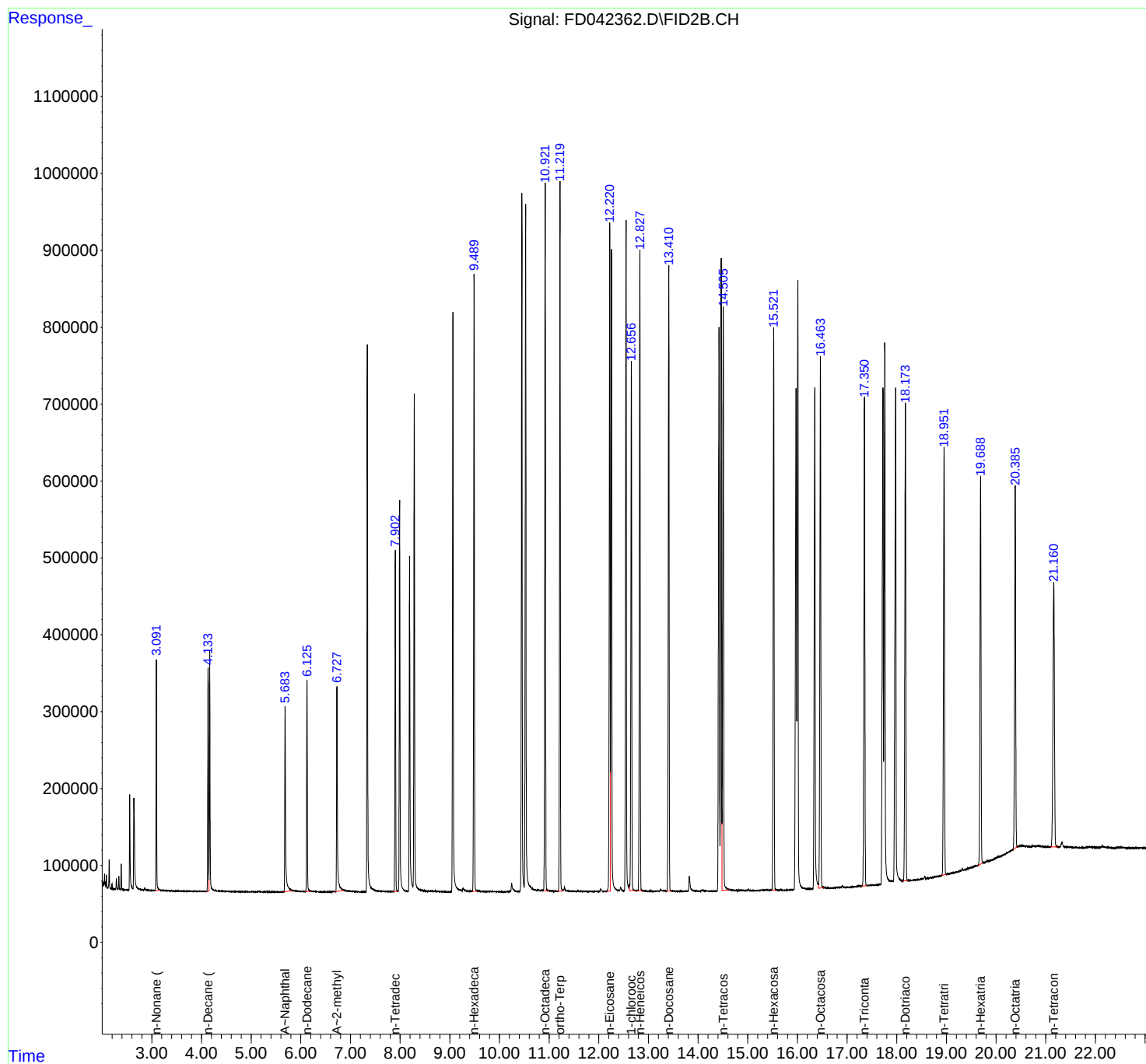
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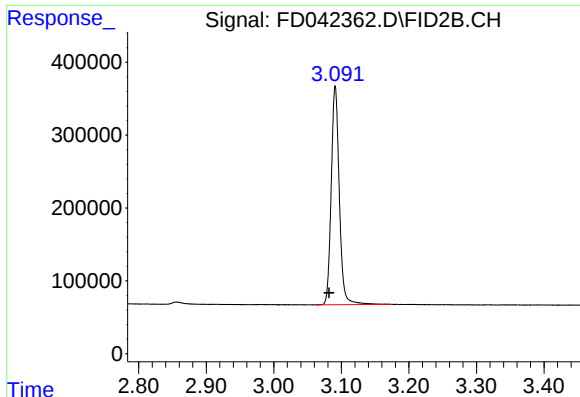
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#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: 0.009 min
Response: 2504296
Conc: 18.37 ug/ml

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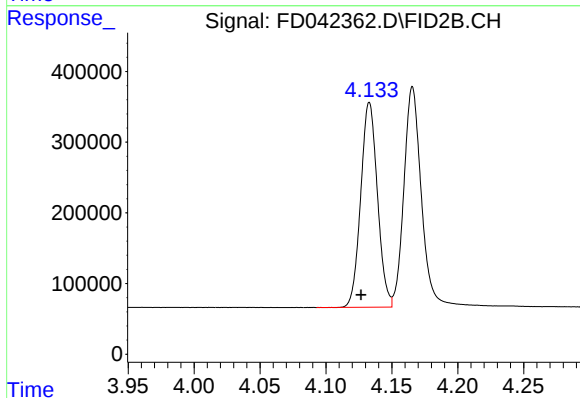
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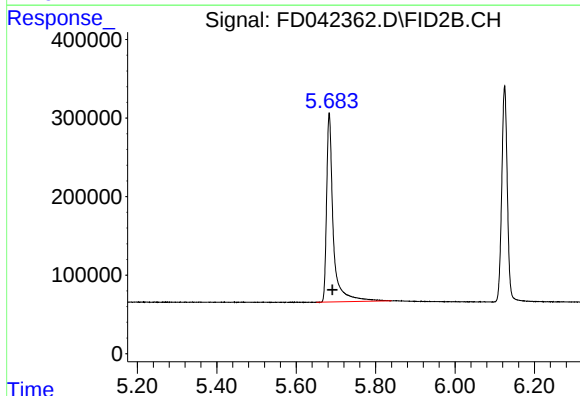
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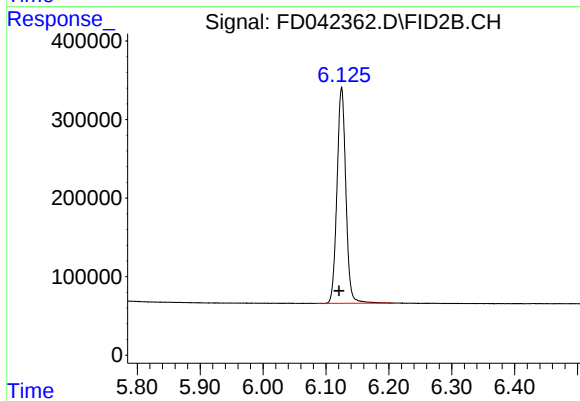
#2 n-Decane (C10)

R.T.: 4.133 min
Delta R.T.: 0.006 min
Response: 2555553
Conc: 19.07 ug/ml



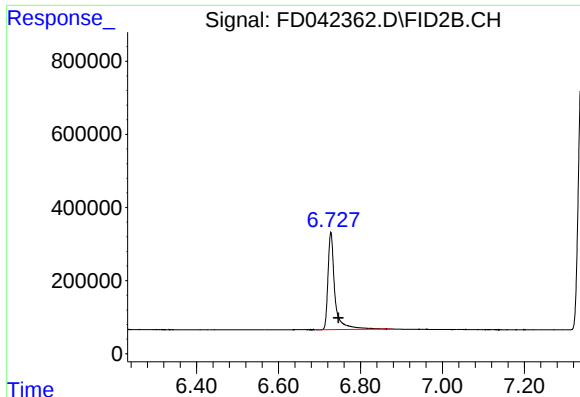
#3 A~Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.008 min
Response: 2820937
Conc: 19.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.125 min
Delta R.T.: 0.004 min
Response: 2695005
Conc: 18.93 ug/ml



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

R.T.: 6.728 min
Delta R.T.: -0.018 min
Response: 3111985
Conc: 22.33 ug/ml

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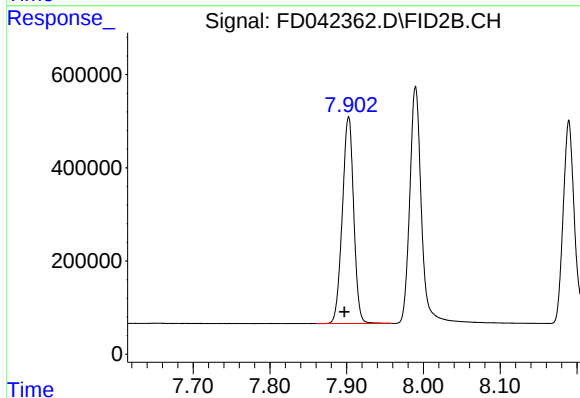
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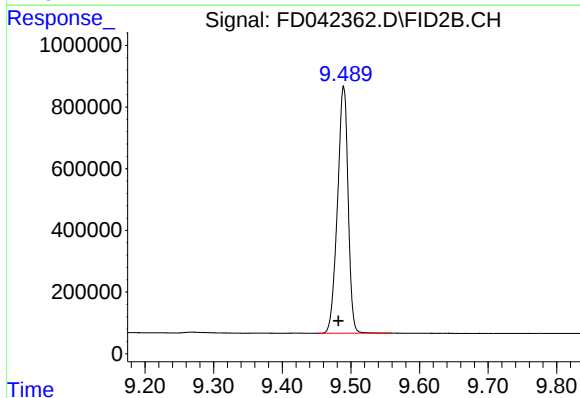
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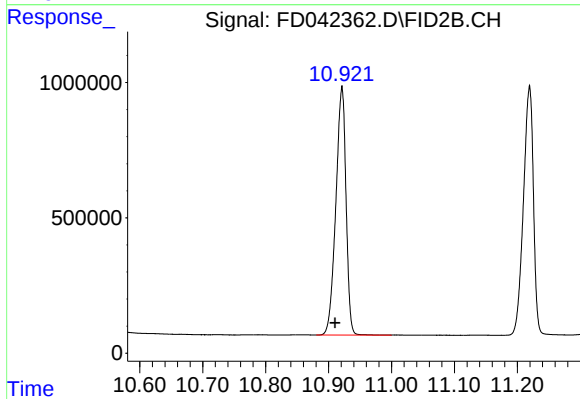
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: 0.006 min
Response: 4570663
Conc: 32.09 ug/ml



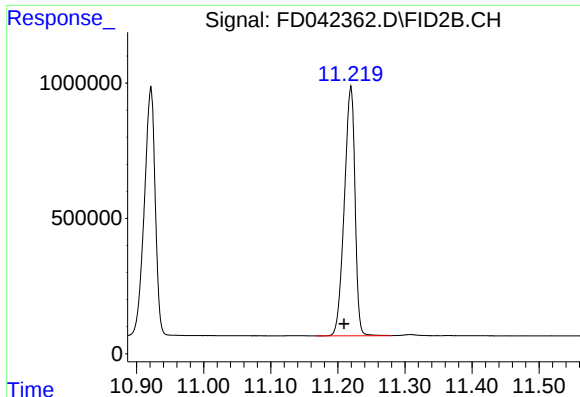
#7 n-Hexadecane (C16)

R.T.: 9.489 min
Delta R.T.: 0.007 min
Response: 8621848
Conc: 59.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.921 min
Delta R.T.: 0.011 min
Response: 10313767
Conc: 68.82 ug/ml



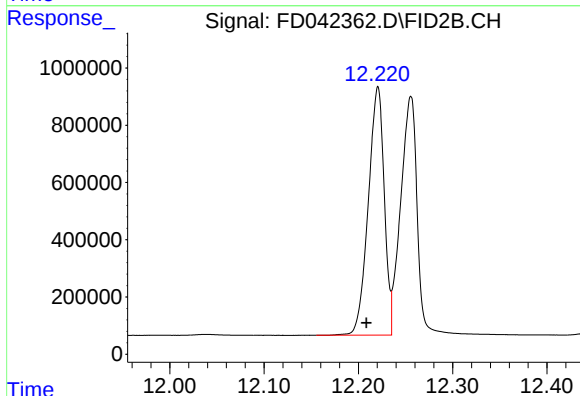
#9 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: 0.010 min
Response: 10193196
Conc: 60.78 ug/ml

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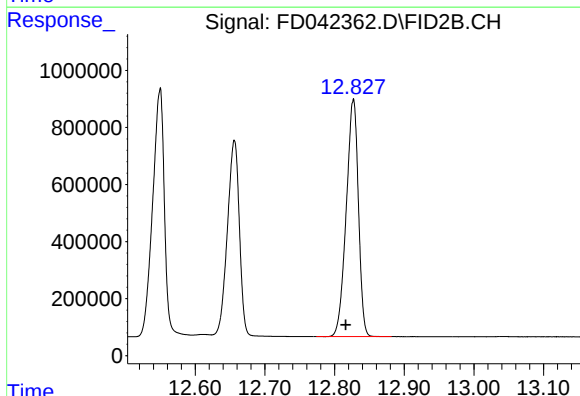
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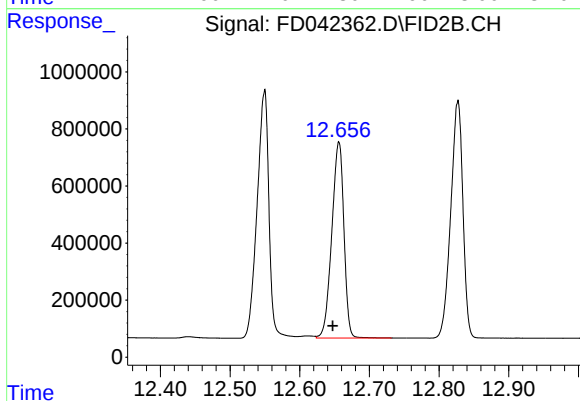
#10 n-Eicosane (C20)

R.T.: 12.221 min
Delta R.T.: 0.012 min
Response: 10207554
Conc: 66.69 ug/ml



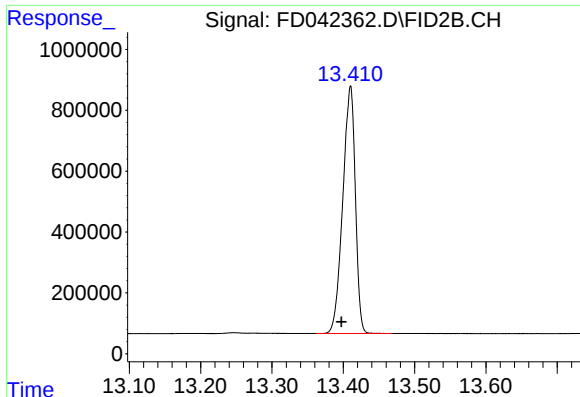
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: 0.011 min
Response: 10066179
Conc: 65.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.656 min
Delta R.T.: 0.009 min
Response: 8294101
Conc: 62.85 ug/ml



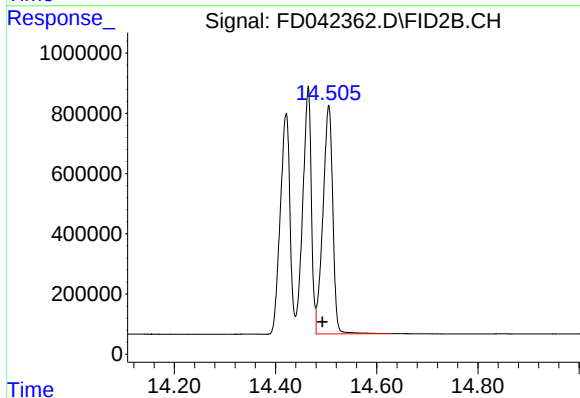
#13 n-Docosane (C22)

R.T.: 13.410 min
Delta R.T.: 0.013 min
Response: 9958471
Conc: 64.61 ug/ml

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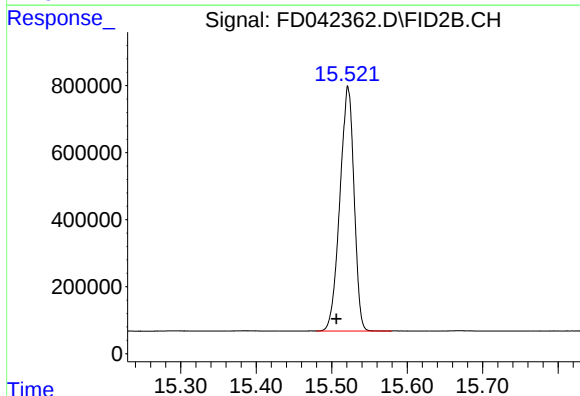
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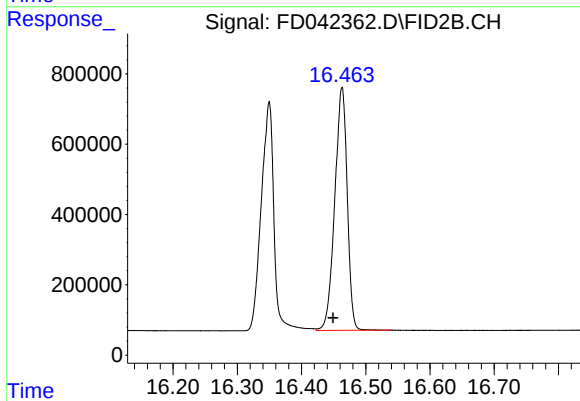
#14 n-Tetracosane (C24)

R.T.: 14.505 min
Delta R.T.: 0.012 min
Response: 10280577
Conc: 66.47 ug/ml



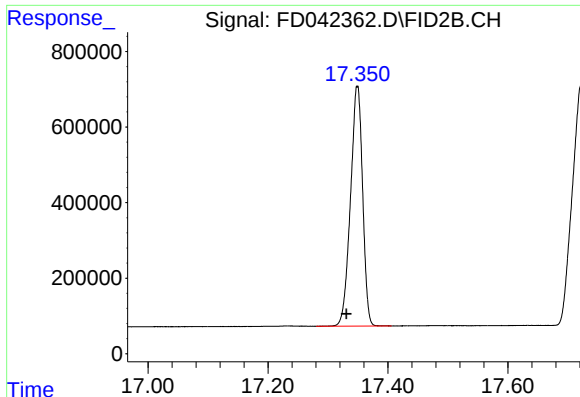
#15 n-Hexacosane (C26)

R.T.: 15.522 min
Delta R.T.: 0.015 min
Response: 9532158
Conc: 61.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.463 min
Delta R.T.: 0.014 min
Response: 9330892
Conc: 61.03 ug/ml



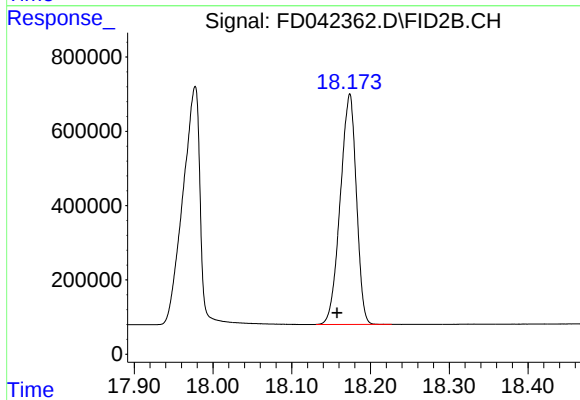
#17 n-Tricontane (C30)

R.T.: 17.349 min
Delta R.T.: 0.018 min
Response: 8914967
Conc: 59.43 ug/ml

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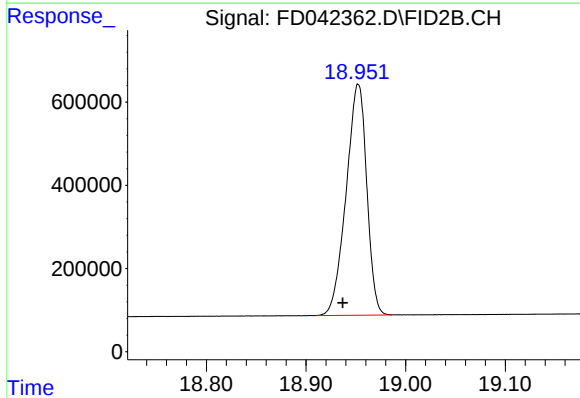
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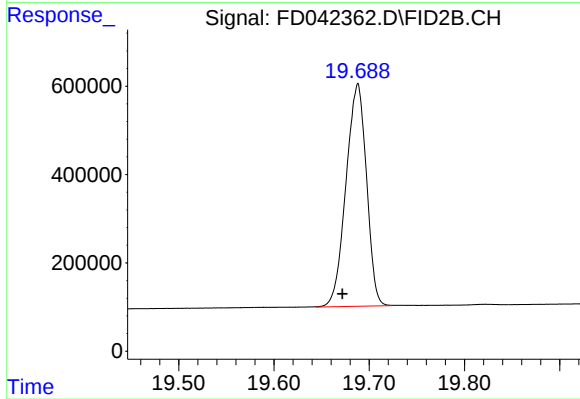
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: 0.016 min
Response: 8829317
Conc: 62.44 ug/ml



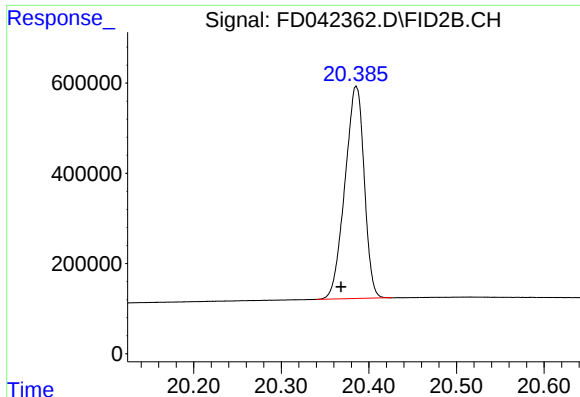
#19 n-Tetratriacontane (C34)

R.T.: 18.951 min
Delta R.T.: 0.015 min
Response: 8000353
Conc: 62.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.688 min
Delta R.T.: 0.016 min
Response: 7539321
Conc: 66.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.385 min
Delta R.T.: 0.017 min
Response: 7196989
Conc: 72.13 ug/ml

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ClientSampleId :

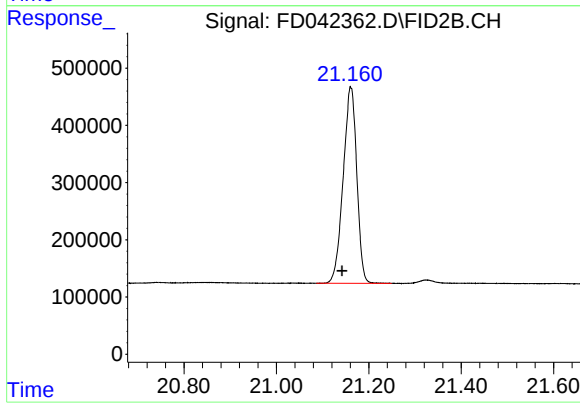
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#22 n-Tetracontane (C40)

R.T.: 21.161 min
Delta R.T.: 0.019 min
Response: 7021517
Conc: 77.84 ug/ml