

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042365.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 3:47
 Operator : UA/NP
 Sample : N2712-11MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-3MS

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 00:50:26 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)	11.214	5533652	32.996 ug/ml
Spiked Amount 50.000		Recovery =	65.99%
12) S 1-chlorooctadecane (S...	12.653	4268956	32.351 ug/ml
Spiked Amount 50.000		Recovery =	64.70%
Target Compounds			
1) T n-Nonane (C9)	3.092	4649436	34.111 ug/ml
2) T n-Decane (C10)	4.134	5341842	39.860 ug/ml
3) T A~Naphthalene (C11.7)	5.681	6127284	42.271 ug/ml
4) T n-Dodecane (C12)	6.126	5622516	39.494 ug/ml
5) T A~2-methylnaphthalene...	6.727	6123833	43.945 ug/ml
6) T n-Tetradecane (C14)	7.903	5896260	41.393 ug/ml
7) T n-Hexadecane (C16)	9.488	6391063	43.980 ug/ml
8) T n-Octadecane (C18)	10.918	6977138	46.553 ug/ml
10) T n-Eicosane (C20)	12.218	6794572	44.391 ug/ml
11) T n-Heneicosane (C21)	12.825	6731045	43.661 ug/ml
13) T n-Docosane (C22)	13.407	6657710	43.192 ug/ml
14) T n-Tetracosane (C24)	14.502	7003425	45.284 ug/ml
15) T n-Hexacosane (C26)	15.519	6377920	41.464 ug/ml
16) T n-Octacosane (C28)	16.461	6268456	40.999 ug/ml
17) T n-Tricontane (C30)	17.345	5929797	39.533 ug/ml
18) T n-Dotriacontane (C32)	18.172	5894920	41.690 ug/ml
19) T n-Tetratriacontane (C34)	18.950	5325495	41.382 ug/ml
20) T n-Hexatriacontane (C36)	19.686	4958134	43.815 ug/ml
21) T n-Octatriacontane (C38)	20.381	4760797	47.715 ug/mlm
22) T n-Tetracontane (C40)	21.158	4627541	51.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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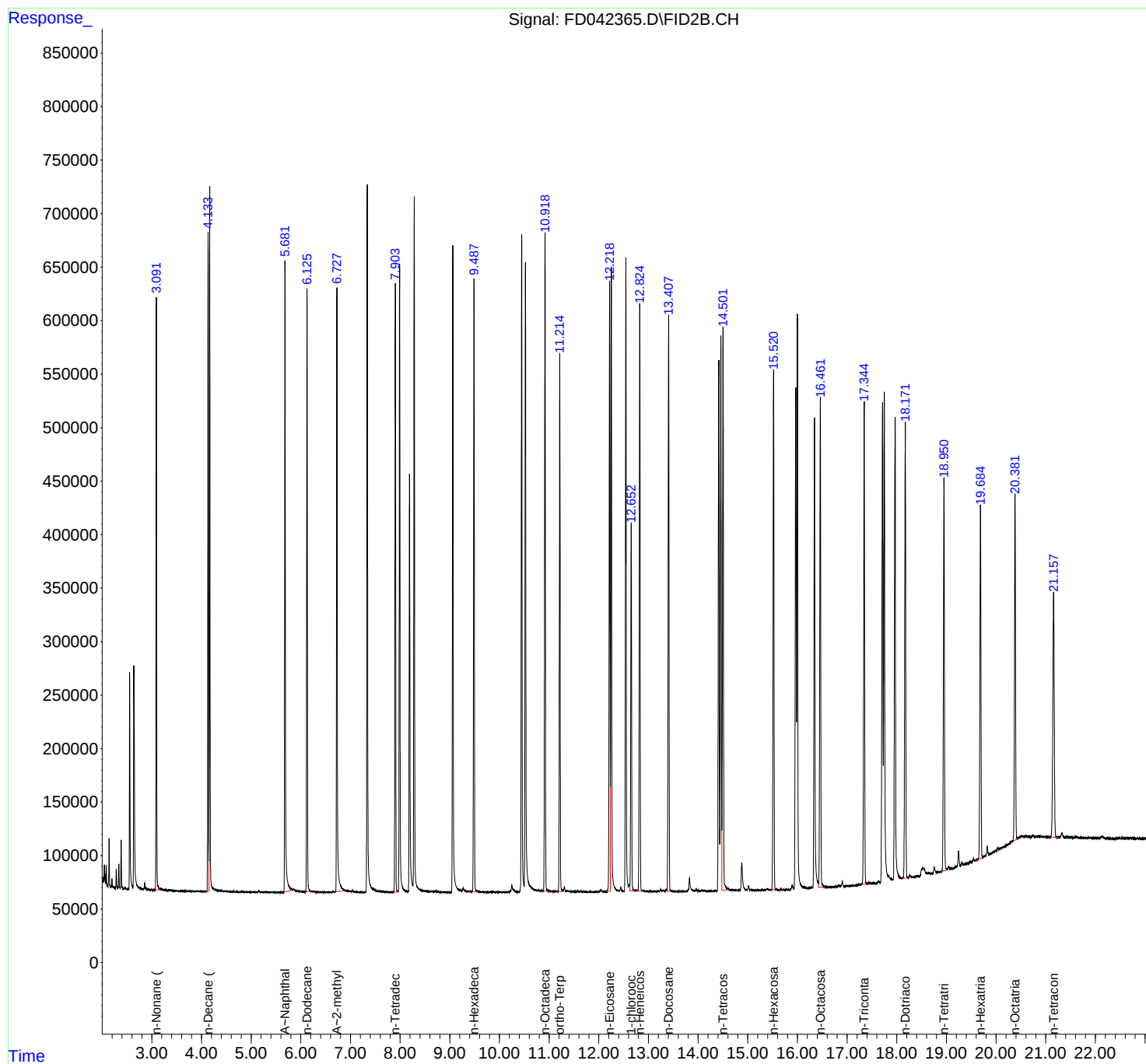
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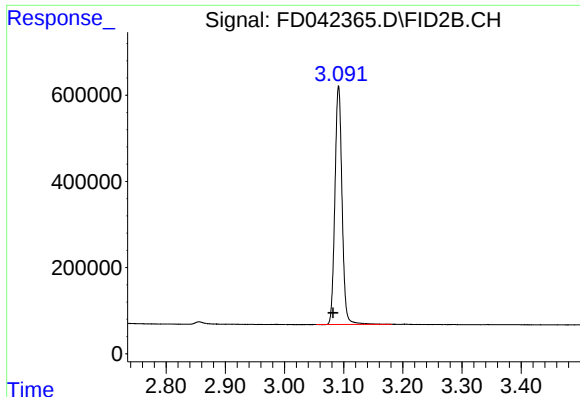
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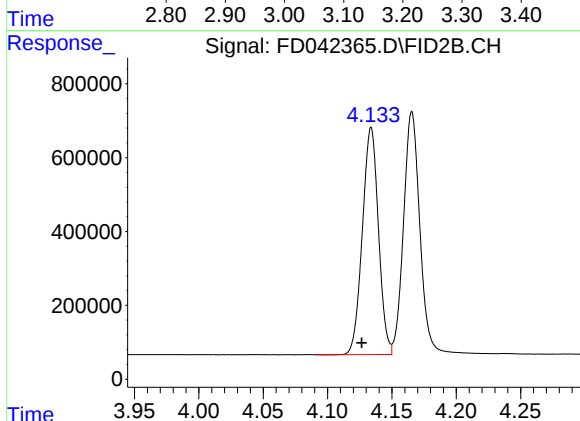
#1 n-Nonane (C9)

R.T.: 3.092 min
Delta R.T.: 0.010 min
Response: 4649436
Conc: 34.11 ug/ml

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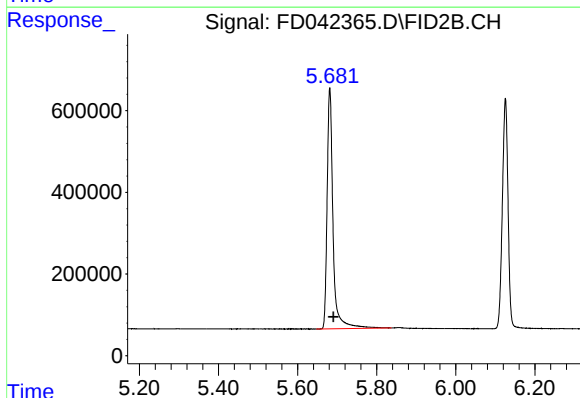
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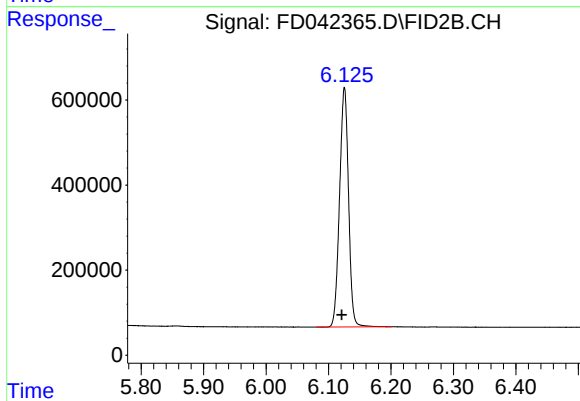
#2 n-Decane (C10)

R.T.: 4.134 min
Delta R.T.: 0.007 min
Response: 5341842
Conc: 39.86 ug/ml



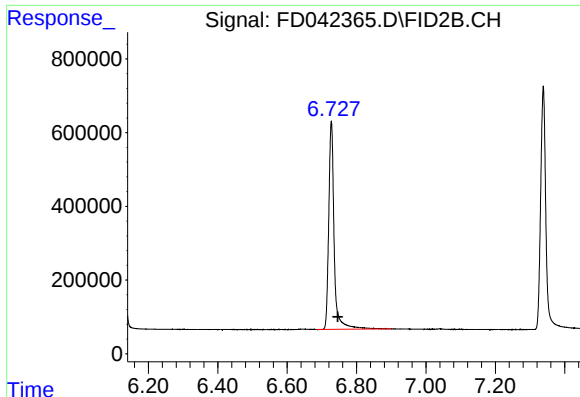
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 6127284
Conc: 42.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.126 min
Delta R.T.: 0.004 min
Response: 5622516
Conc: 39.49 ug/ml



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

R.T.: 6.727 min
Delta R.T.: -0.019 min
Response: 6123833
Conc: 43.94 ug/ml

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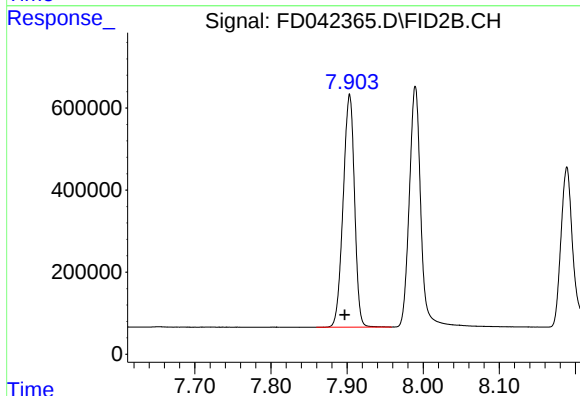
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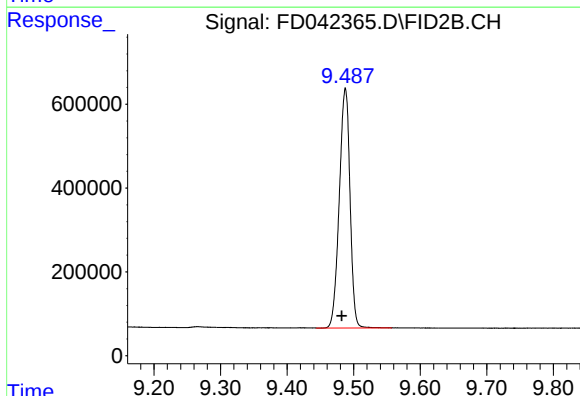
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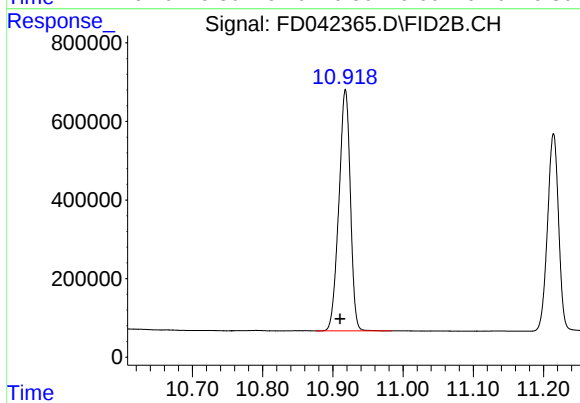
#6 n-Tetradecane (C14)

R.T.: 7.903 min
Delta R.T.: 0.007 min
Response: 5896260
Conc: 41.39 ug/ml



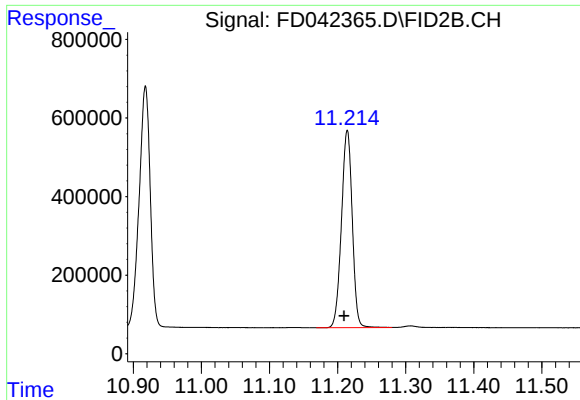
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: 0.005 min
Response: 6391063
Conc: 43.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.918 min
Delta R.T.: 0.008 min
Response: 6977138
Conc: 46.55 ug/ml



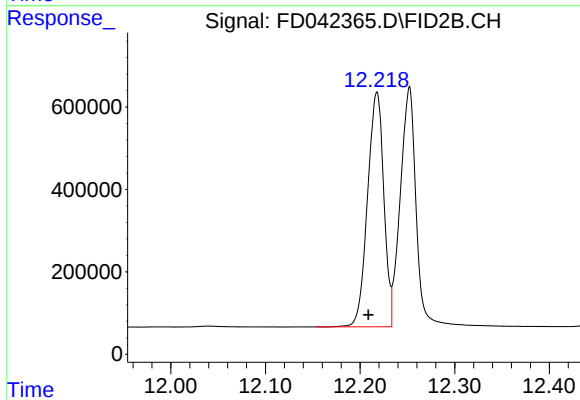
#9 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: 0.005 min
Response: 5533652
Conc: 33.00 ug/ml

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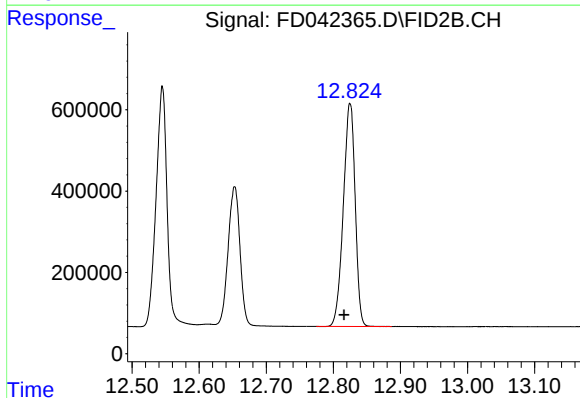
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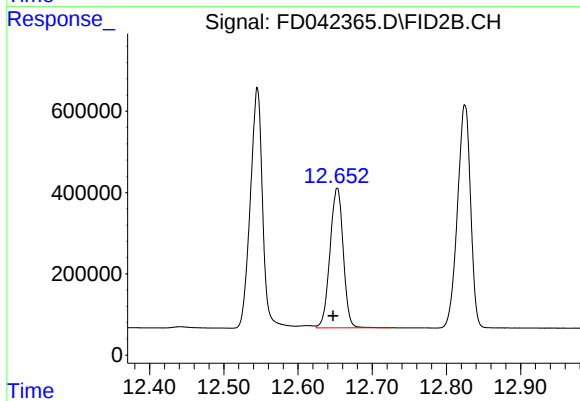
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: 0.009 min
Response: 6794572
Conc: 44.39 ug/ml



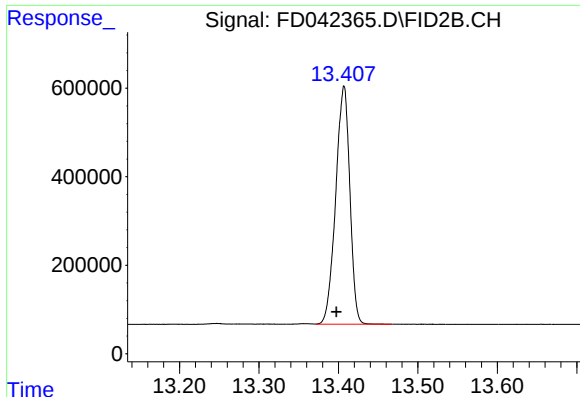
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: 0.009 min
Response: 6731045
Conc: 43.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.653 min
Delta R.T.: 0.005 min
Response: 4268956
Conc: 32.35 ug/ml



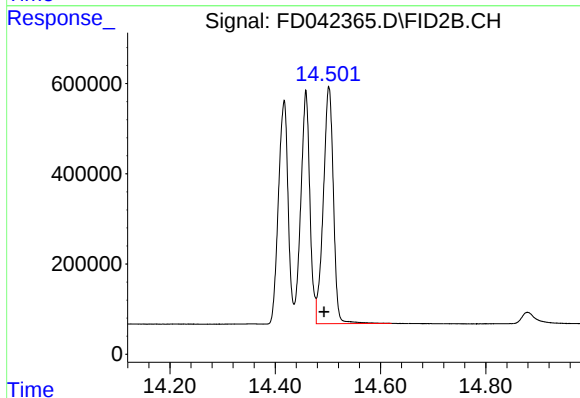
#13 n-Docosane (C22)

R.T.: 13.407 min
Delta R.T.: 0.010 min
Response: 6657710
Conc: 43.19 ug/ml

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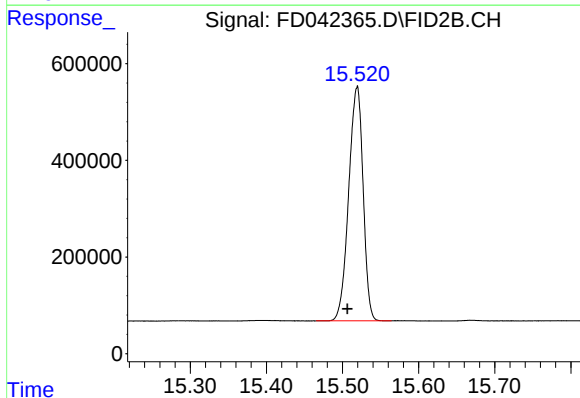
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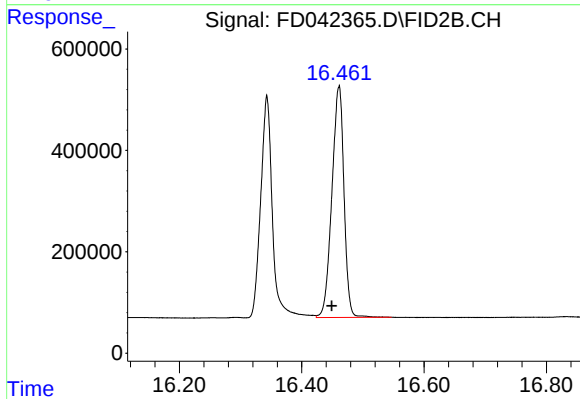
#14 n-Tetracosane (C24)

R.T.: 14.502 min
Delta R.T.: 0.009 min
Response: 7003425
Conc: 45.28 ug/ml



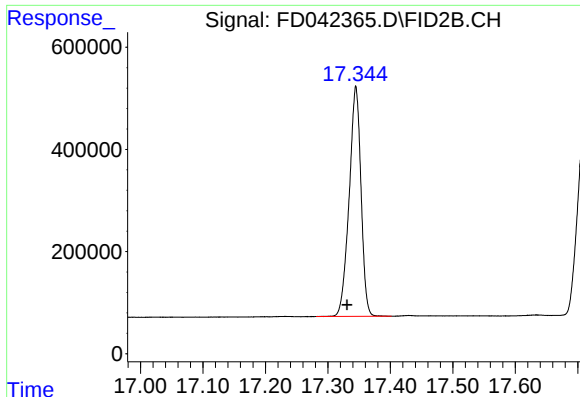
#15 n-Hexacosane (C26)

R.T.: 15.519 min
Delta R.T.: 0.013 min
Response: 6377920
Conc: 41.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.461 min
Delta R.T.: 0.012 min
Response: 6268456
Conc: 41.00 ug/ml



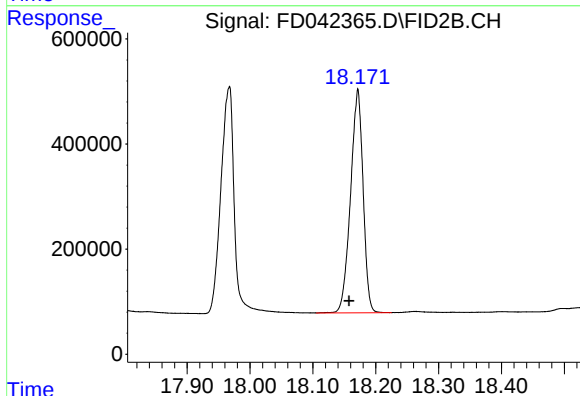
#17 n-Tricontane (C30)

R.T.: 17.345 min
Delta R.T.: 0.014 min
Response: 5929797
Conc: 39.53 ug/ml

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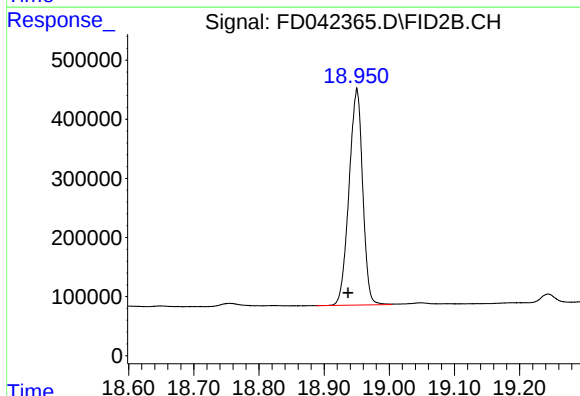
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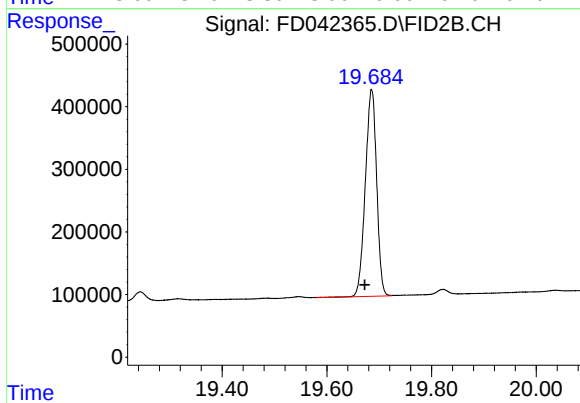
#18 n-Dotriacontane (C32)

R.T.: 18.172 min
Delta R.T.: 0.014 min
Response: 5894920
Conc: 41.69 ug/ml



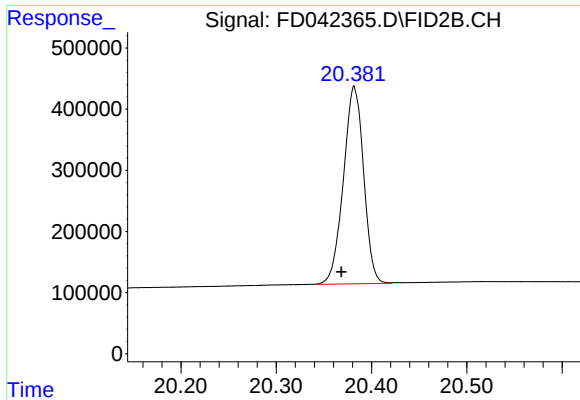
#19 n-Tetratriacontane (C34)

R.T.: 18.950 min
Delta R.T.: 0.013 min
Response: 5325495
Conc: 41.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.686 min
Delta R.T.: 0.014 min
Response: 4958134
Conc: 43.81 ug/ml



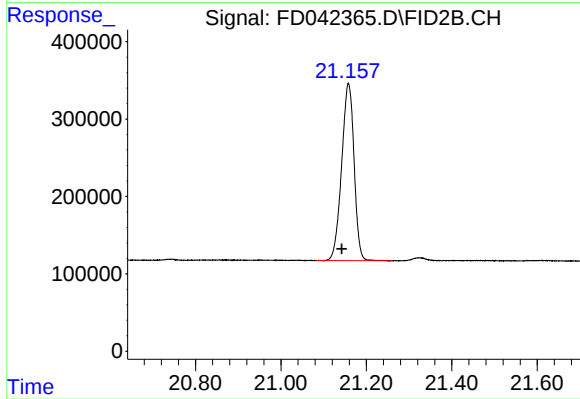
#21 n-Octatriacontane (C38)

R.T.: 20.381 min
Delta R.T.: 0.013 min
Response: 4760797
Conc: 47.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: 0.016 min
Response: 4627541
Conc: 51.30 ug/ml