

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081321AL\
 Data File : FD038543.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2021 15:02
 Operator : AJ\MA
 Sample : PB138385BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138385BS

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:45:33 AM

Integration File: autoint1.e
 Quant Time: Aug 14 00:02:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.367	5906568	43.271 ug/ml
Spiked Amount 50.000		Recovery =	86.54%
12) S 1-chlorooctadecane (S...	12.804	4784109	44.489 ug/ml
Spiked Amount 50.000		Recovery =	88.98%
Target Compounds			
1) T n-Nonane (C9)	3.204	5256817	44.777 ug/ml
2) T n-Decane (C10)	4.250	5581662	47.341 ug/ml
3) T A~Naphthalene (C11.7)	5.810	6421228	49.191 ug/ml
4) T n-Dodecane (C12)	6.248	5914700	49.811 ug/ml
5) T A~2-methylnaphthalene...	6.860	6259261	47.833 ug/ml
6) T n-Tetradecane (C14)	8.035	6253811	51.457 ug/ml
7) T n-Hexadecane (C16)	9.625	6628320	54.235 ug/ml
8) T n-Octadecane (C18)	11.061	6974262	55.394 ug/ml
10) T n-Eicosane (C20)	12.365	6683766	53.022 ug/ml
11) T n-Heneicosane (C21)	12.973	6597307	51.682 ug/ml
13) T n-Docosane (C22)	13.557	6418946	50.422 ug/ml
14) T n-Tetracosane (C24)	14.655	5568772	43.292 ug/ml
15) T n-Hexacosane (C26)	15.673	5870107	46.095 ug/ml
16) T n-Octacosane (C28)	16.616	5717550	44.814 ug/ml
17) T n-Tricontane (C30)	17.502	5417535	42.760 ug/ml
18) T n-Dotriacontane (C32)	18.327	5266529	42.861 ug/ml
19) T n-Tetratriacontane (C34)	19.107	5133352	43.011 ug/ml
20) T n-Hexatriacontane (C36)	19.844	5027848	45.112 ug/ml
21) T n-Octatriacontane (C38)	20.544	4900418	47.403 ug/mlm
22) T n-Tetracontane (C40)	21.355	5067824	50.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 56 Sample Multiplier: 1

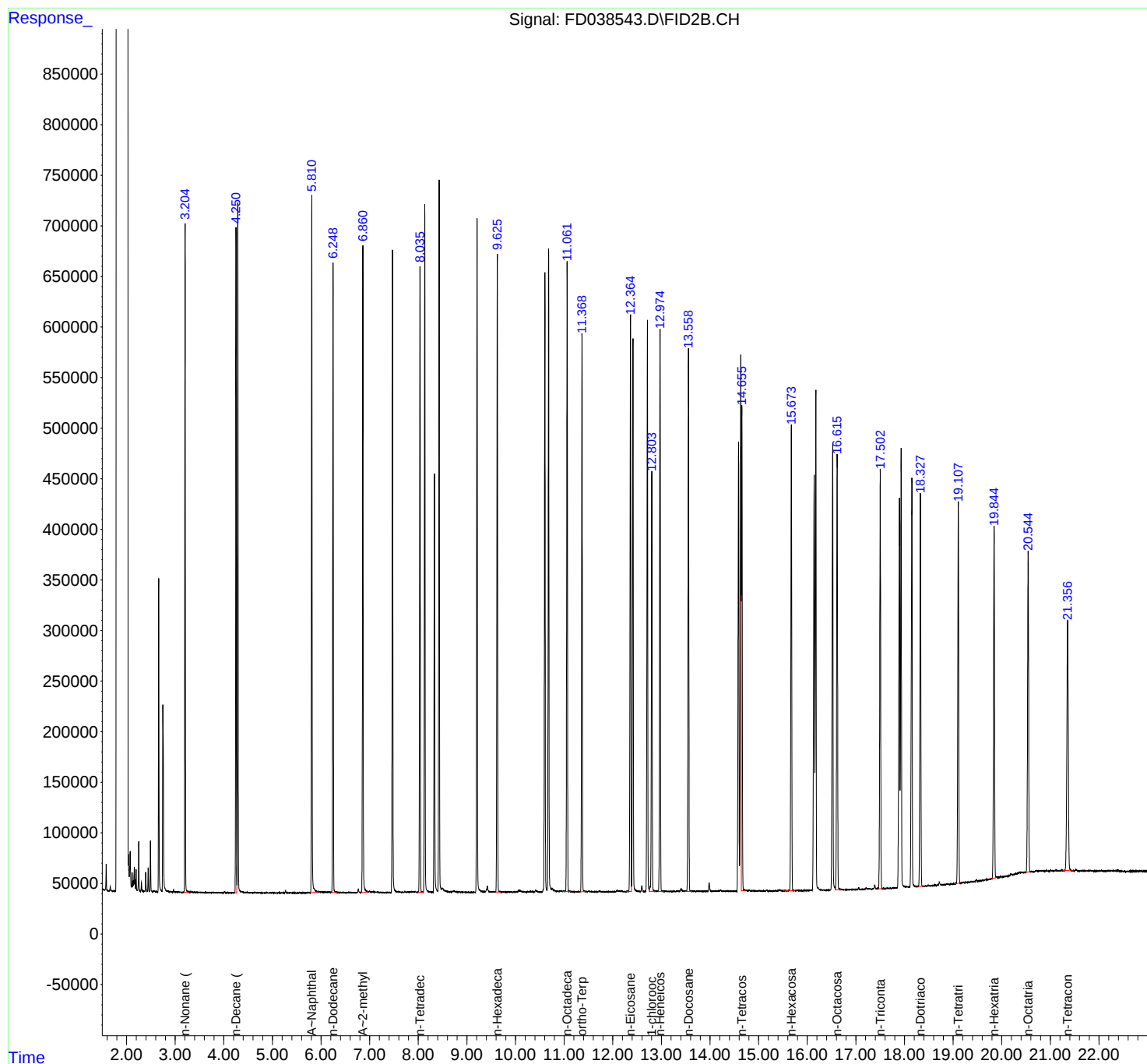
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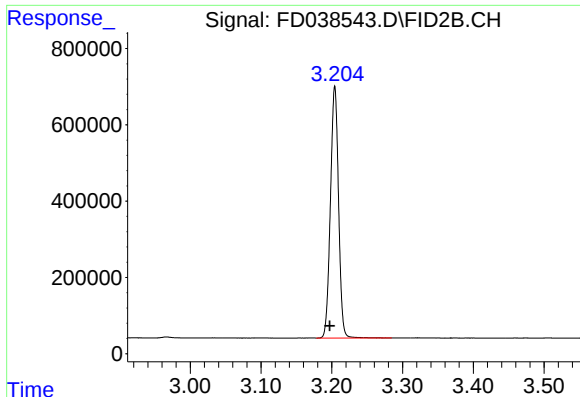
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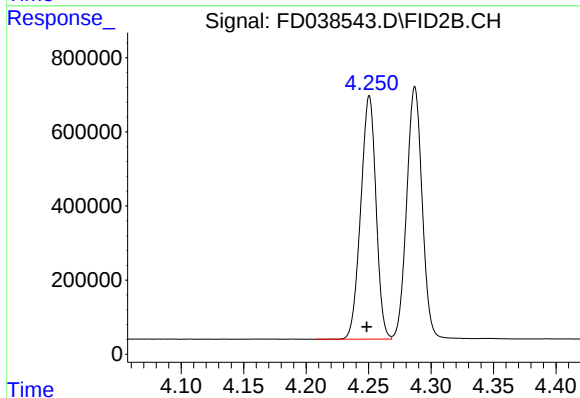
#1 n-Nonane (C9)

R.T.: 3.204 min
Delta R.T.: 0.007 min
Response: 5256817
Conc: 44.78 ug/ml

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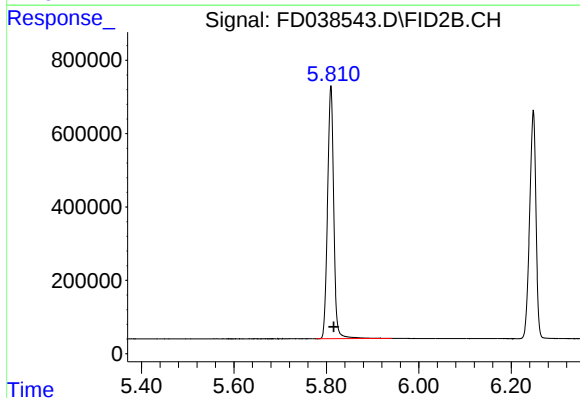
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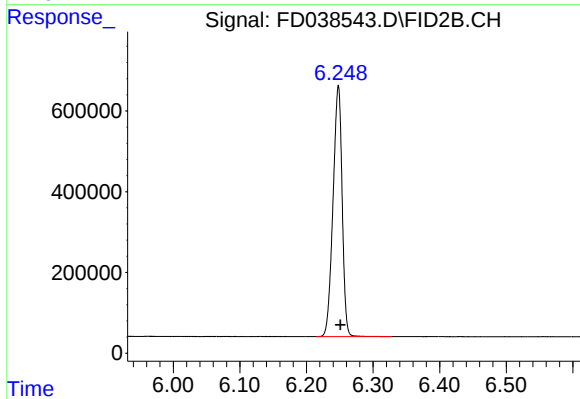
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: 0.002 min
Response: 5581662
Conc: 47.34 ug/ml



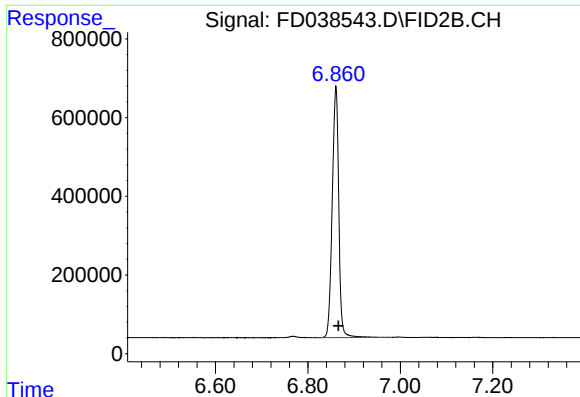
#3 A~Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: -0.006 min
Response: 6421228
Conc: 49.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 5914700
Conc: 49.81 ug/ml



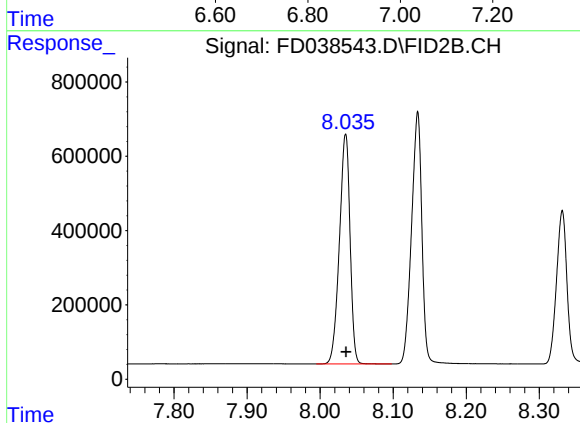
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.006 min
Response: 6259261
Conc: 47.83 ug/ml

Instrument :
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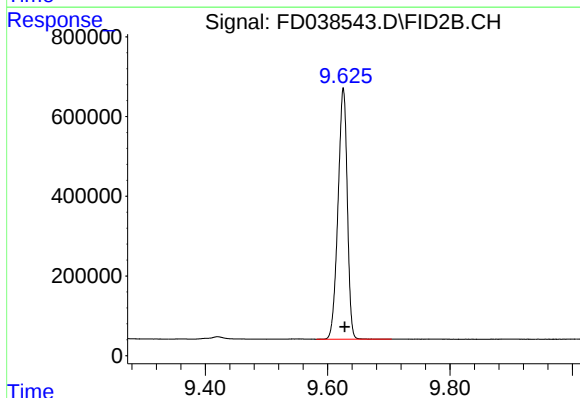
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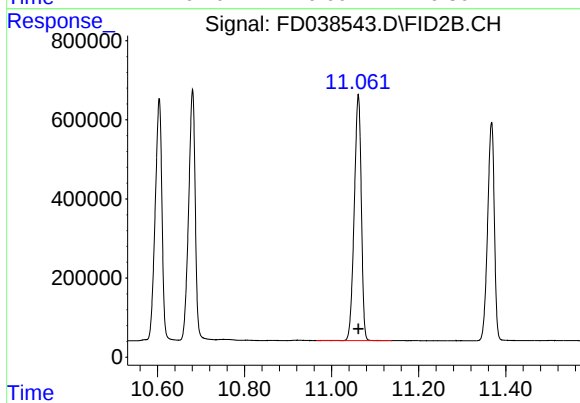
#6 n-Tetradecane (C14)

R.T.: 8.035 min
Delta R.T.: -0.001 min
Response: 6253811
Conc: 51.46 ug/ml



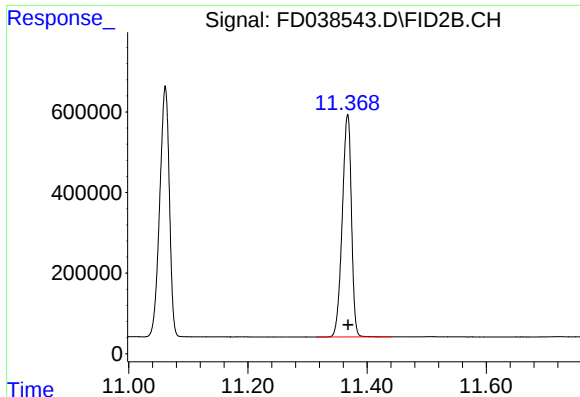
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 6628320
Conc: 54.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: 0.000 min
Response: 6974262
Conc: 55.39 ug/ml



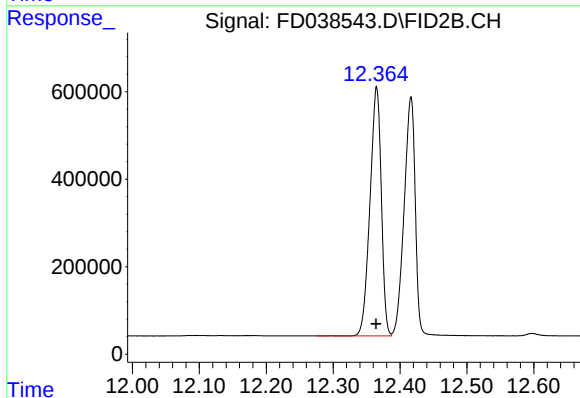
#9 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.000 min
Response: 5906568
Conc: 43.27 ug/ml

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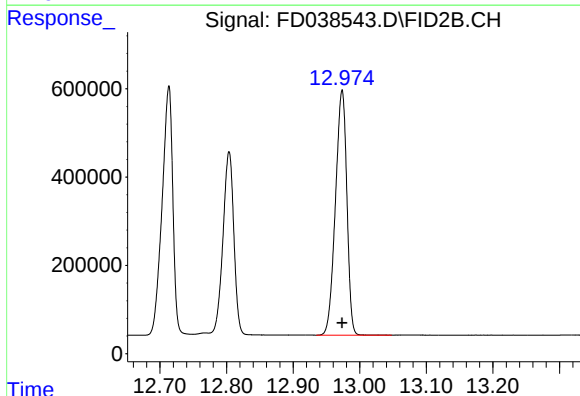
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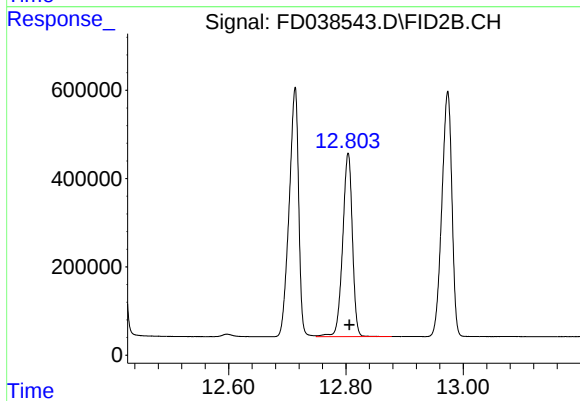
#10 n-Eicosane (C20)

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 6683766
Conc: 53.02 ug/ml



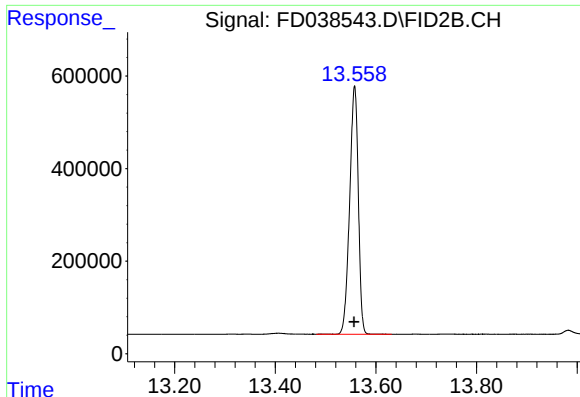
#11 n-Heneicosane (C21)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 6597307
Conc: 51.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.804 min
Delta R.T.: -0.002 min
Response: 4784109
Conc: 44.49 ug/ml



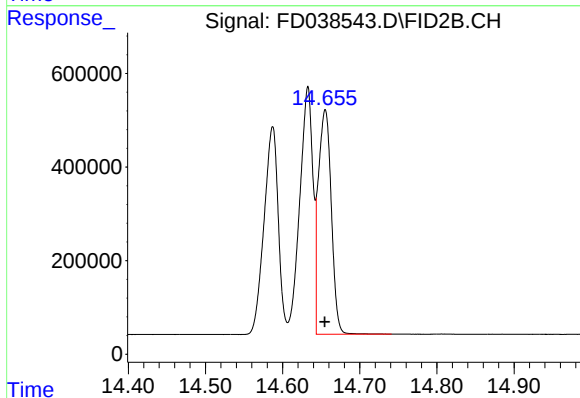
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: 0.001 min
Response: 6418946
Conc: 50.42 ug/ml

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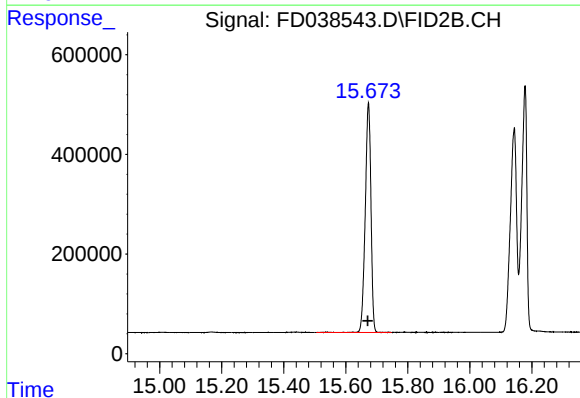
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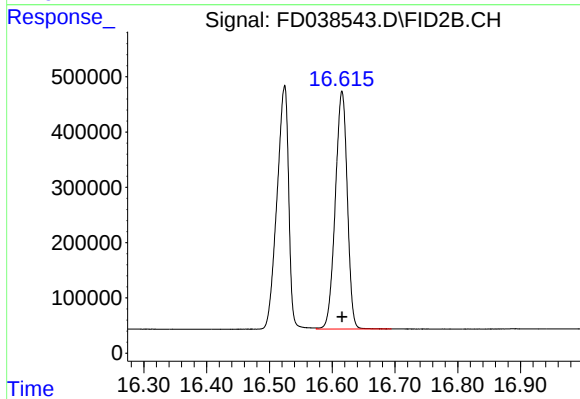
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.000 min
Response: 5568772
Conc: 43.29 ug/ml



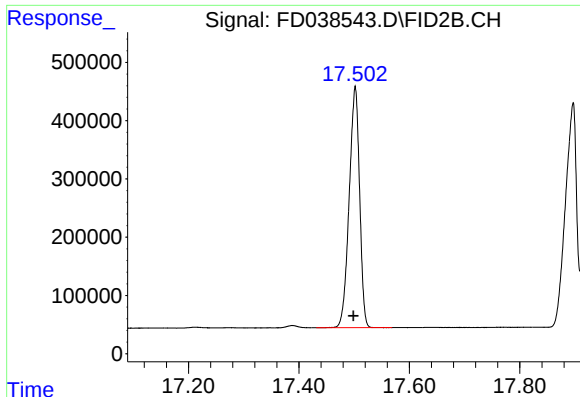
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.002 min
Response: 5870107
Conc: 46.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 5717550
Conc: 44.81 ug/ml



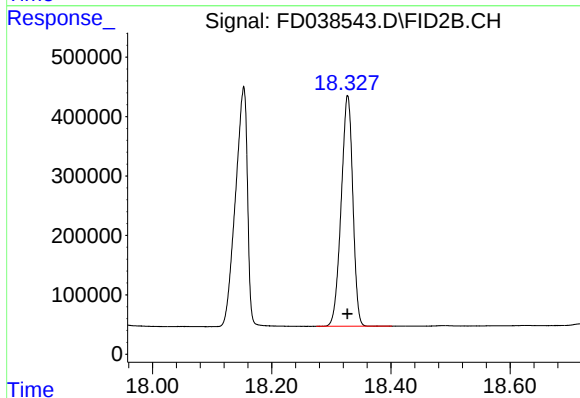
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: 0.003 min
Response: 5417535
Conc: 42.76 ug/ml

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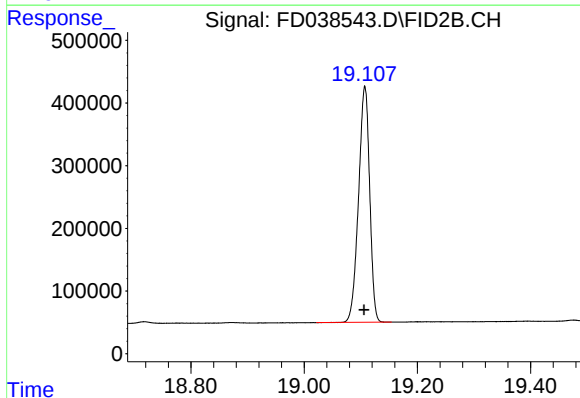
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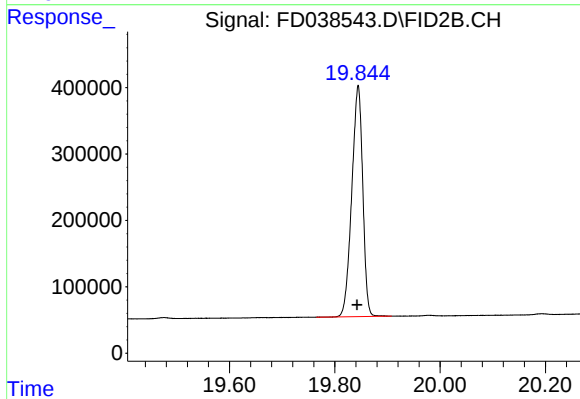
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: 0.000 min
Response: 5266529
Conc: 42.86 ug/ml



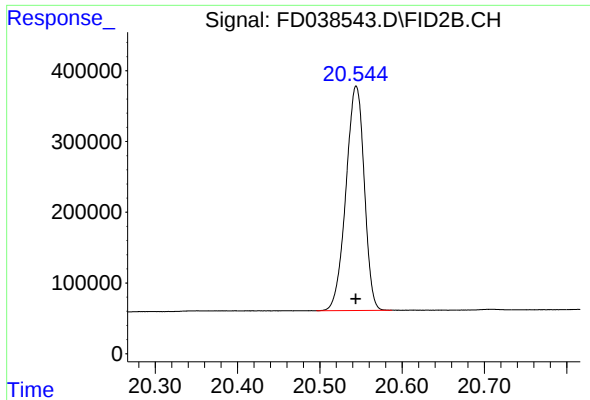
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.001 min
Response: 5133352
Conc: 43.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.002 min
Response: 5027848
Conc: 45.11 ug/ml



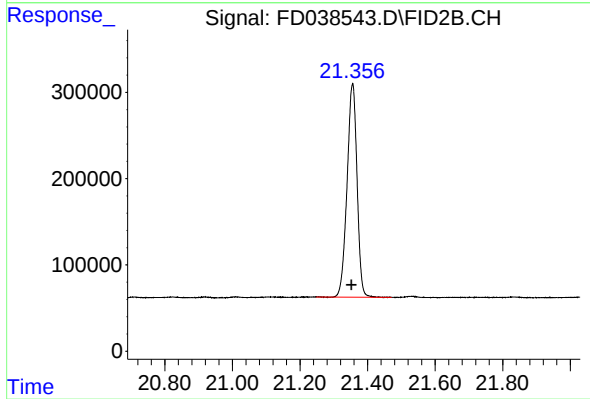
#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.000 min
Response: 4900418
Conc: 47.40 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.355 min
Delta R.T.: 0.003 min
Response: 5067824
Conc: 50.49 ug/ml