

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042799.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 8:19
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 08:47:03 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)	11.575	2991501	18.012 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
12) S 1-chlorooctadecane (S...	13.011	2361248	18.080 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.344	2533306	18.287 ug/ml
2) T n-Decane (C10)	4.412	2530012	18.322 ug/ml
3) T A~Naphthalene (C11.7)	5.994	2914243	18.525 ug/ml
4) T n-Dodecane (C12)	6.429	2604791	18.382 ug/ml
5) T A~2-methylnaphthalene...	7.049	2968440	18.541 ug/ml
6) T n-Tetradecane (C14)	8.221	2655558	18.439 ug/ml
7) T n-Hexadecane (C16)	9.820	2723971	18.467 ug/ml
8) T n-Octadecane (C18)	11.261	2771442	18.413 ug/ml
10) T n-Eicosane (C20)	12.567	2774895	18.453 ug/ml
11) T n-Heneicosane (C21)	13.178	2742409	18.116 ug/ml
13) T n-Docosane (C22)	13.764	2831772	18.733 ug/ml
14) T n-Tetracosane (C24)	14.864	2921928	19.469 ug/ml
15) T n-Hexacosane (C26)	15.884	2935381	20.134 ug/ml
16) T n-Octacosane (C28)	16.831	2930738	21.013 ug/ml
17) T n-Tricontane (C30)	17.717	2815389	21.534 ug/ml
18) T n-Dotriacontane (C32)	18.547	2492904	21.113 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2111179	19.860 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1939974	19.840 ug/mlm
21) T n-Octatriacontane (C38)	20.797	1877247	20.581 ug/mlm
22) T n-Tetracontane (C40)	21.697	1929408	23.810 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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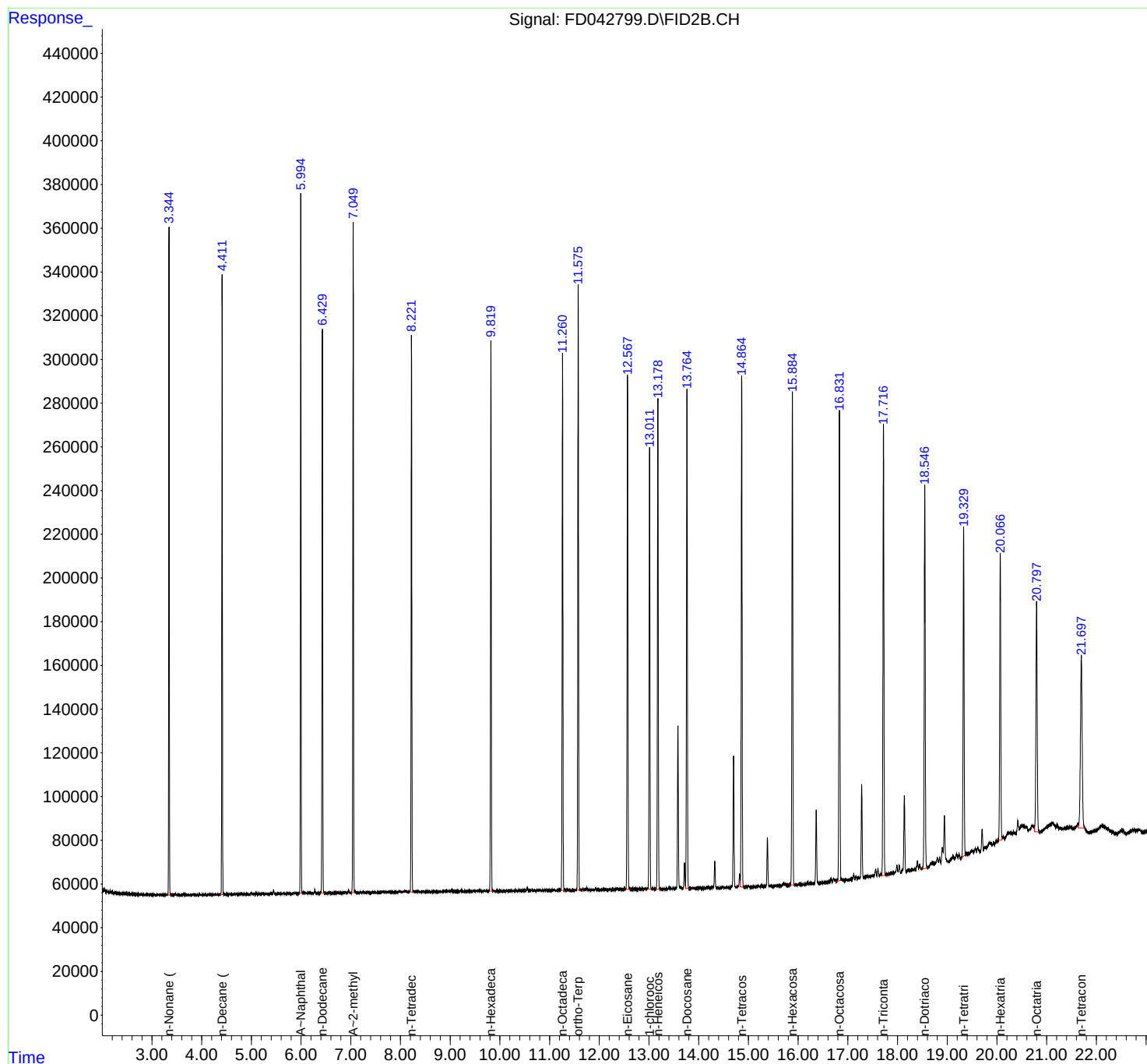
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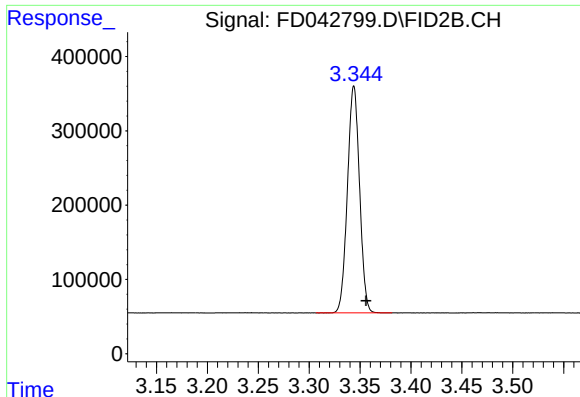
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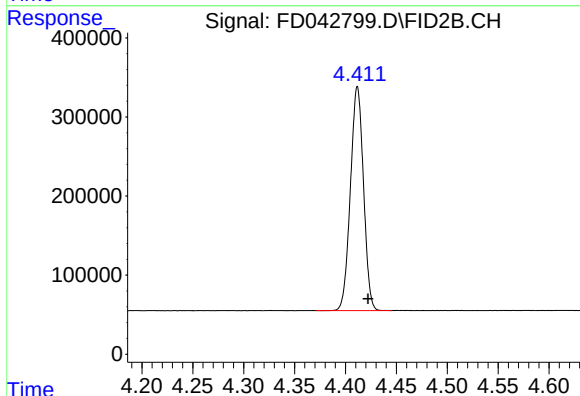
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.012 min
Response: 2533306
Conc: 18.29 ug/ml

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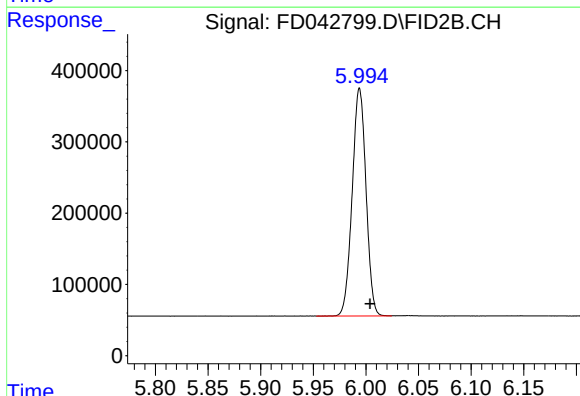
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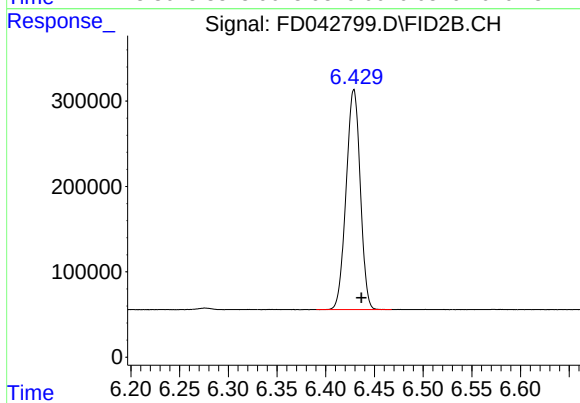
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.010 min
Response: 2530012
Conc: 18.32 ug/ml



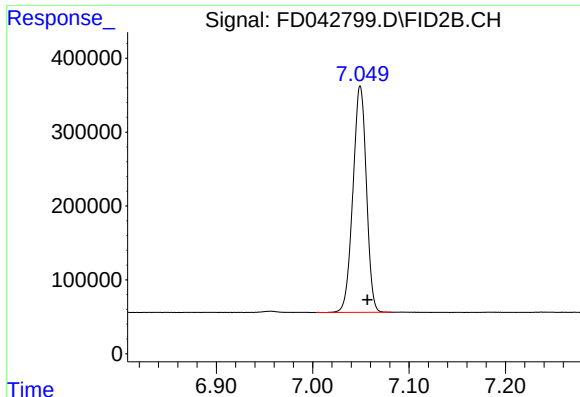
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.010 min
Response: 2914243
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.008 min
Response: 2604791
Conc: 18.38 ug/ml



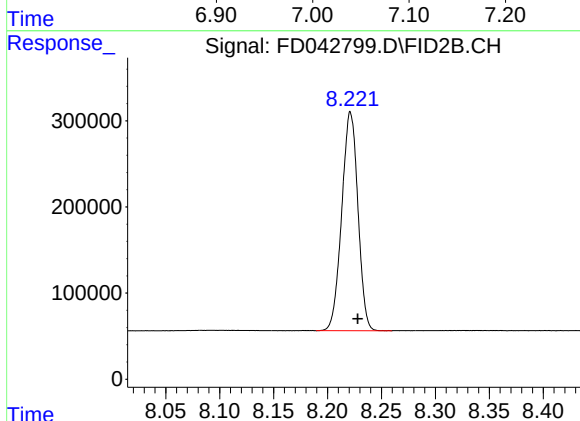
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.007 min
Response: 2968440
Conc: 18.54 ug/ml

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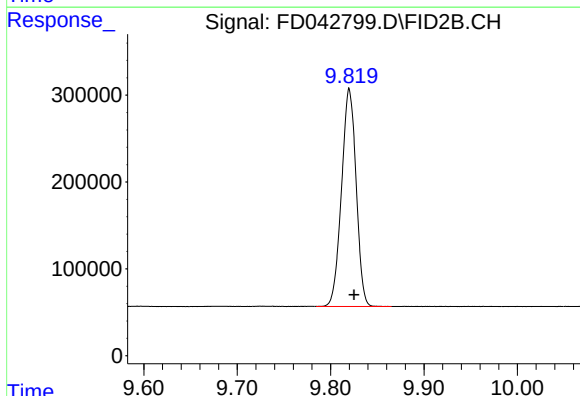
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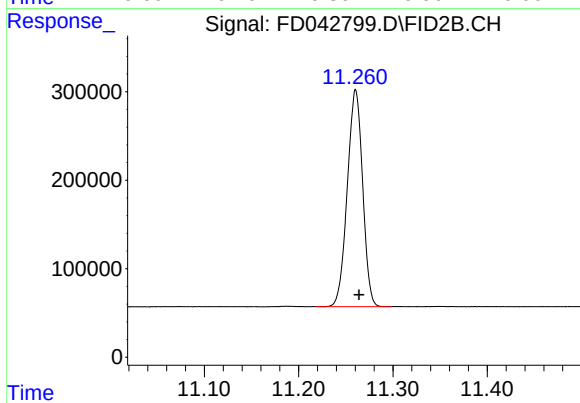
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 2655558
Conc: 18.44 ug/ml



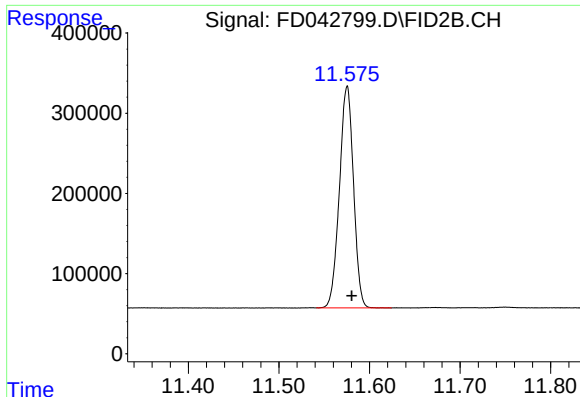
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.005 min
Response: 2723971
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: -0.004 min
Response: 2771442
Conc: 18.41 ug/ml



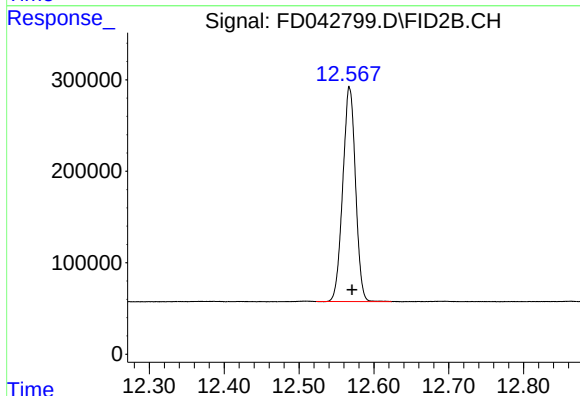
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 2991501
Conc: 18.01 ug/ml

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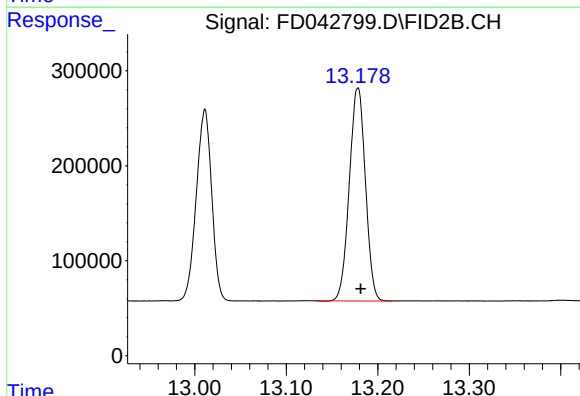
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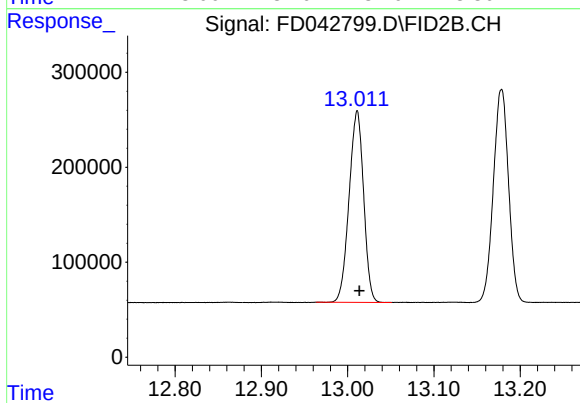
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.003 min
Response: 2774895
Conc: 18.45 ug/ml



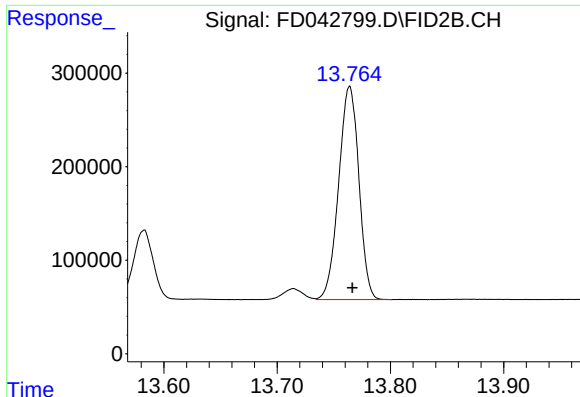
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.003 min
Response: 2742409
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.003 min
Response: 2361248
Conc: 18.08 ug/ml



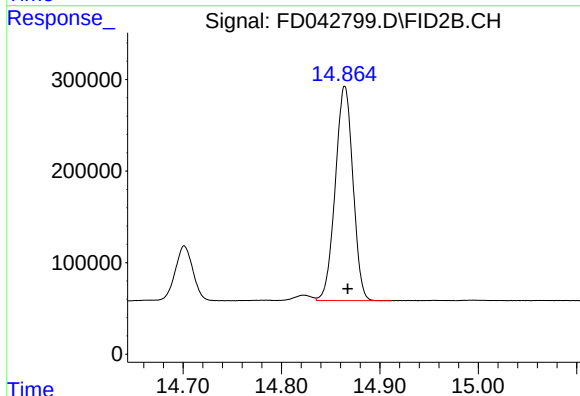
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.002 min
Response: 2831772
Conc: 18.73 ug/ml

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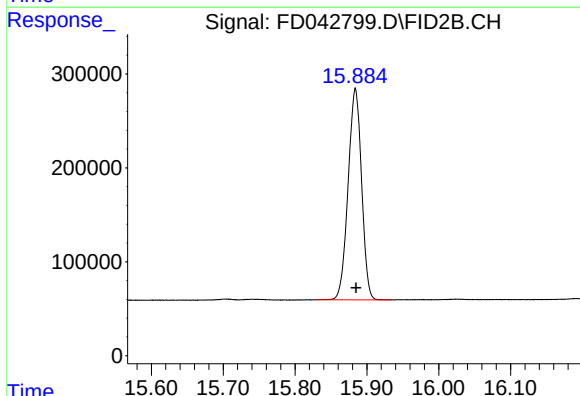
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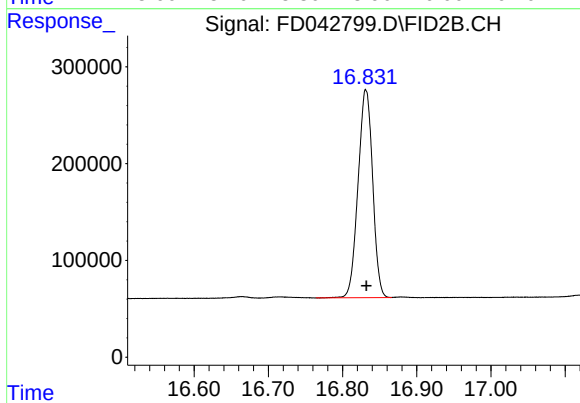
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.003 min
Response: 2921928
Conc: 19.47 ug/ml



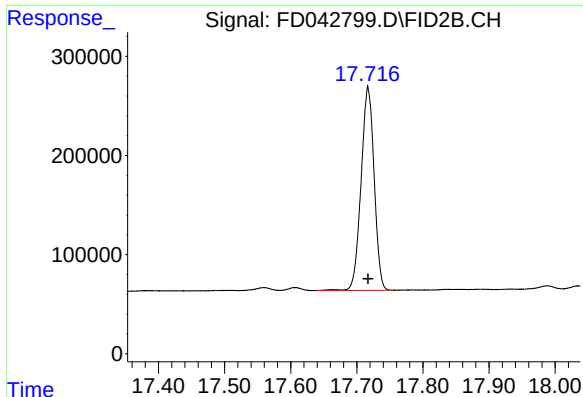
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: 0.000 min
Response: 2935381
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 2930738
Conc: 21.01 ug/ml



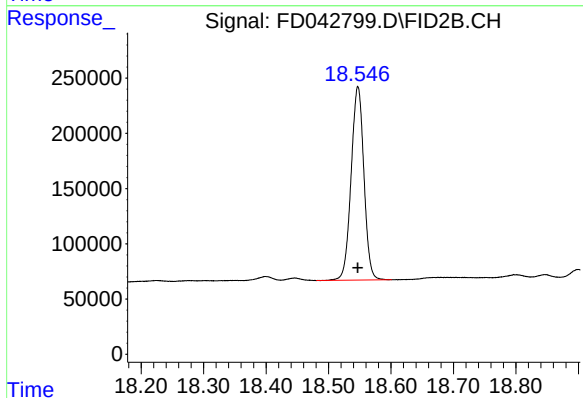
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 2815389
Conc: 21.53 ug/ml

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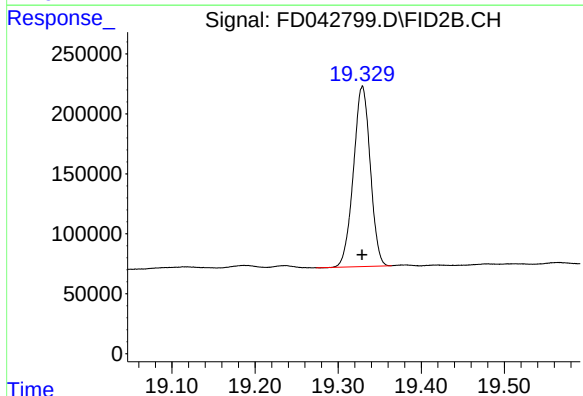
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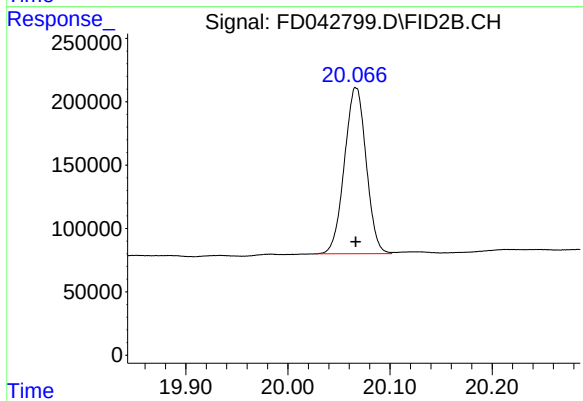
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 2492904
Conc: 21.11 ug/ml



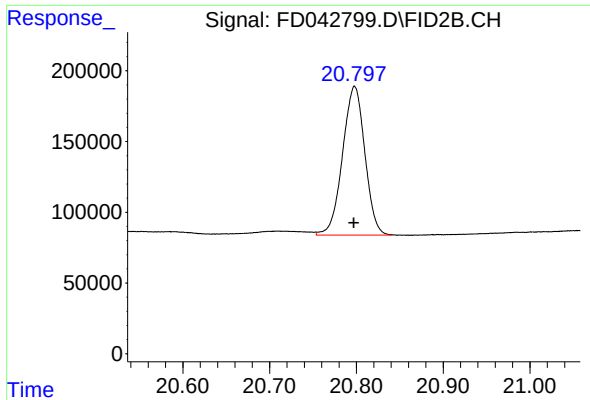
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2111179
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 1939974
Conc: 19.84 ug/ml m



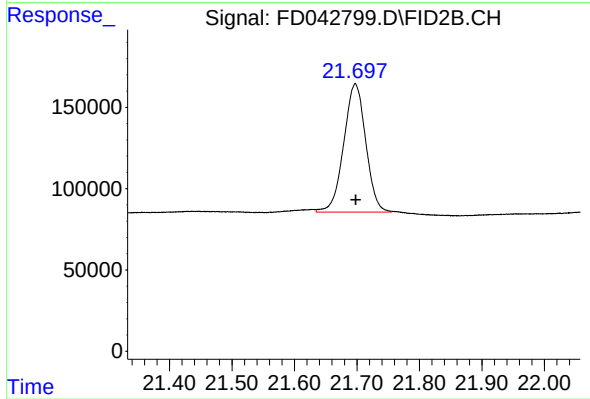
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 1877247
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.001 min
Response: 1929408
Conc: 23.81 ug/ml m