

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060822AL\
 Data File : FC060152.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 9:29
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2022
 Supervised By :Ankita Jodhani 06/09/2022

Integration File: autoint1.e
 Quant Time: Jun 09 02:00:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.646	2880696	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	12.014	2332727	18.814 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	2.625	2377378	18.575 ug/ml
2) T n-Decane (C10)	3.624	2413954	18.869 ug/ml
3) T A~Naphthalene (C11.7)	5.164	2697898	18.665 ug/ml
4) T n-Dodecane (C12)	5.577	2538324	19.041 ug/ml
5) T A~2-methylnaphthalene...	6.191	2742116	18.683 ug/ml
6) T n-Tetradecane (C14)	7.329	2605478	19.086 ug/ml
7) T n-Hexadecane (C16)	8.892	2679453	19.097 ug/ml
8) T n-Octadecane (C18)	10.300	2730915	19.083 ug/ml
10) T n-Eicosane (C20)	11.579	2707429	18.977 ug/ml
11) T n-Heneicosane (C21)	12.176	2692938	18.787 ug/ml
13) T n-Docosane (C22)	12.749	2762128	19.384 ug/mlm
14) T n-Tetracosane (C24)	13.828	2716426	19.357 ug/mlm
15) T n-Hexacosane (C26)	14.825	2637821	19.479 ug/ml
16) T n-Octacosane (C28)	15.751	2631910	20.209 ug/mlm
17) T n-Tricontane (C30)	16.619	2633018	21.507 ug/ml
18) T n-Dotriacontane (C32)	17.432	2494765	22.375 ug/ml
19) T n-Tetratriacontane (C34)	18.196	2208224	21.650 ug/ml
20) T n-Hexatriacontane (C36)	18.918	1996430	21.082 ug/mlm
21) T n-Octatriacontane (C38)	19.600	1902651	20.622 ug/mlm
22) T n-Tetracontane (C40)	20.249	1894236	20.133 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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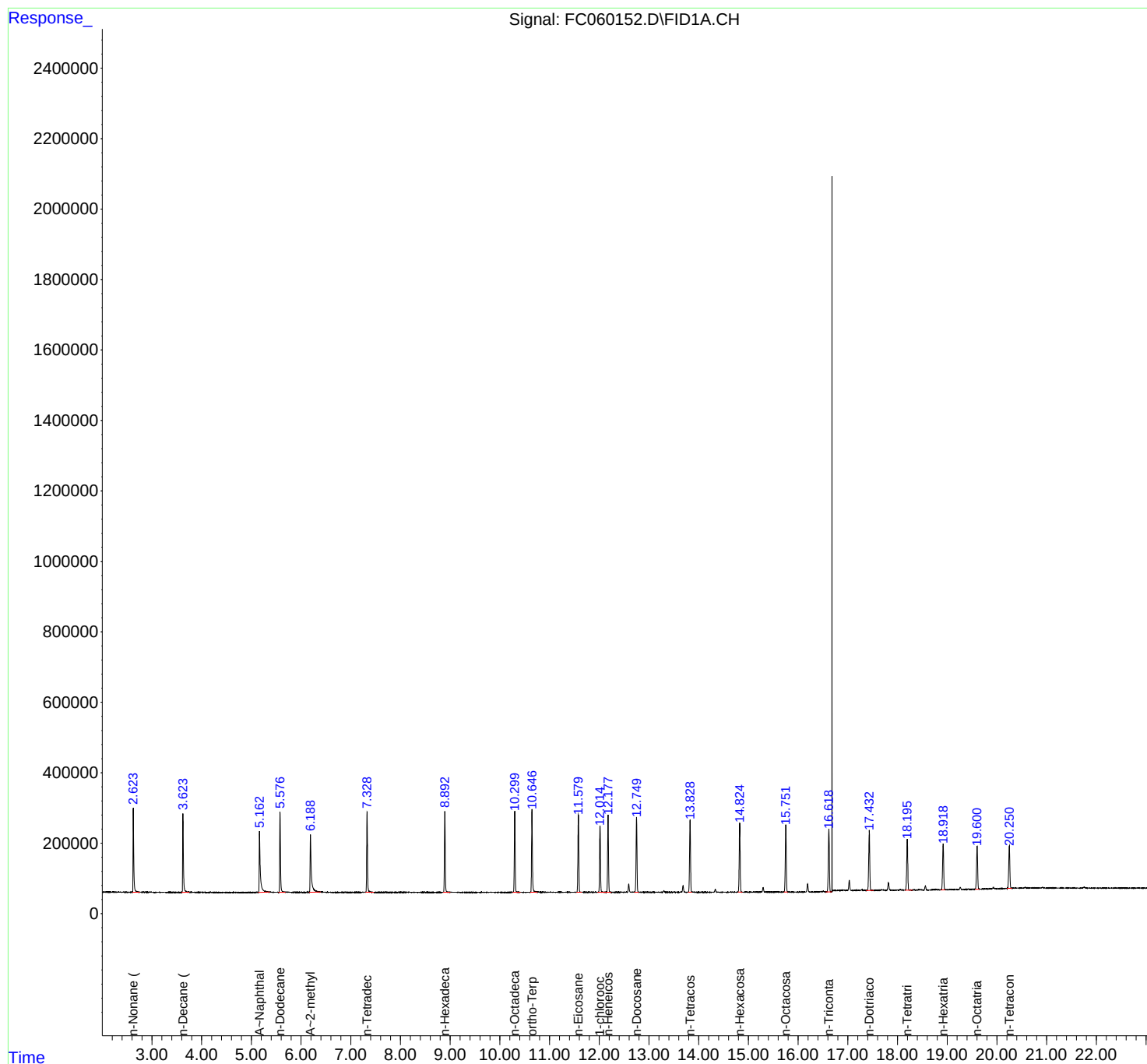
Instrument :
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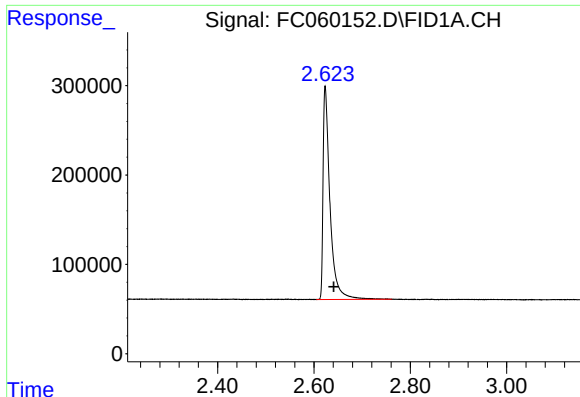
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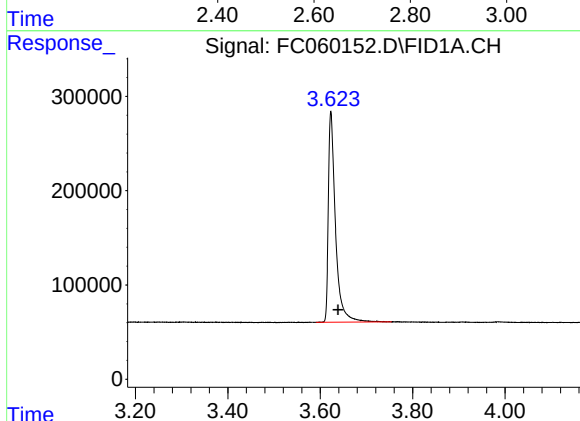
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.016 min
Response: 2377378
Conc: 18.58 ug/ml

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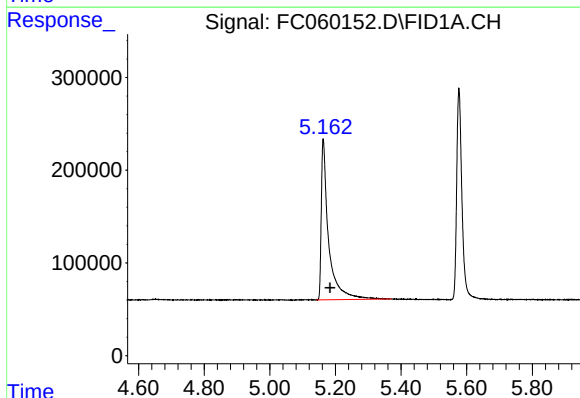
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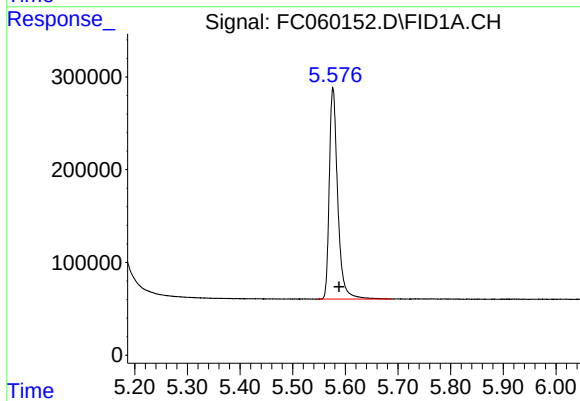
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.015 min
Response: 2413954
Conc: 18.87 ug/ml



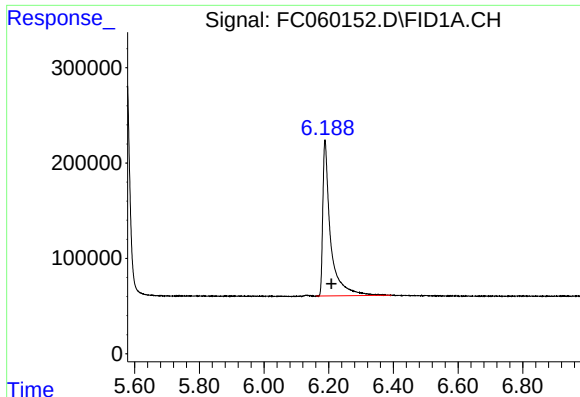
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 2697898
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 2538324
Conc: 19.04 ug/ml



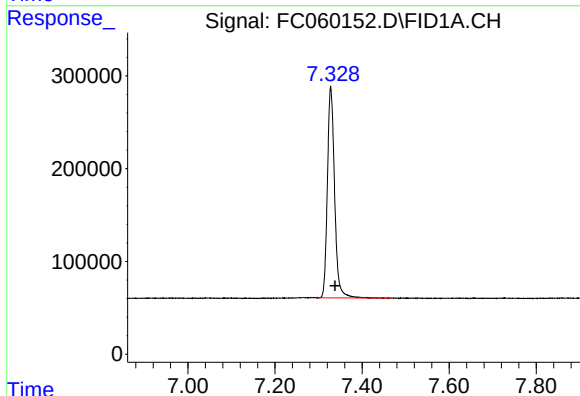
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.191 min
Delta R.T.: -0.018 min
Response: 2742116
Conc: 18.68 ug/ml

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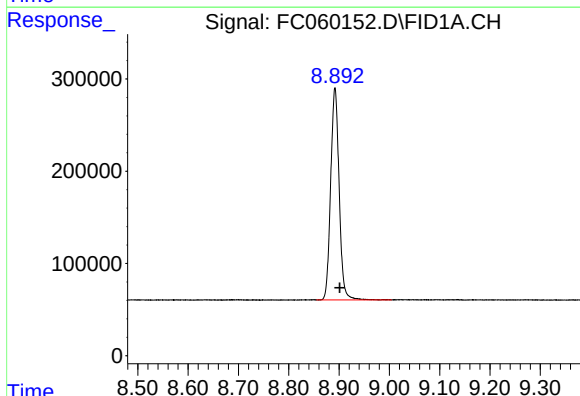
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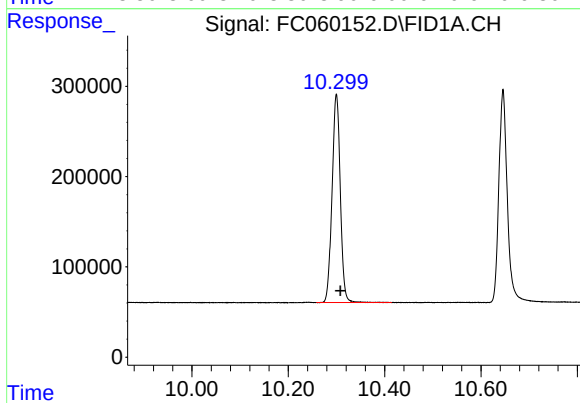
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2605478
Conc: 19.09 ug/ml



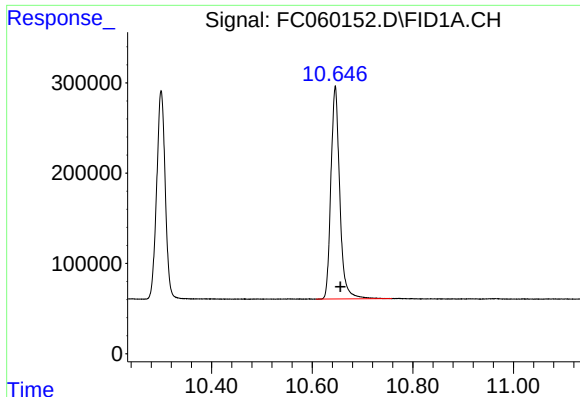
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2679453
Conc: 19.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.008 min
Response: 2730915
Conc: 19.08 ug/ml



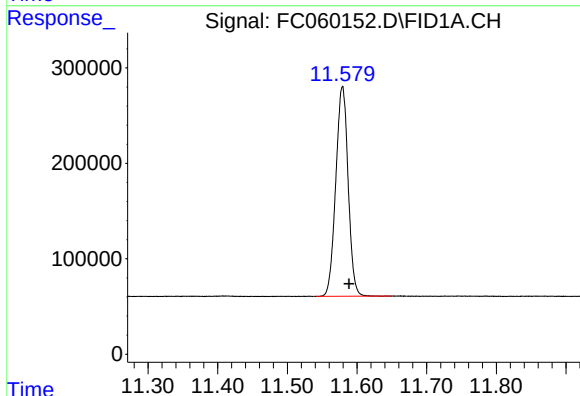
#9 ortho-Terphenyl (SURR)

R.T.: 10.646 min
Delta R.T.: -0.010 min
Response: 2880696
Conc: 18.51 ug/ml

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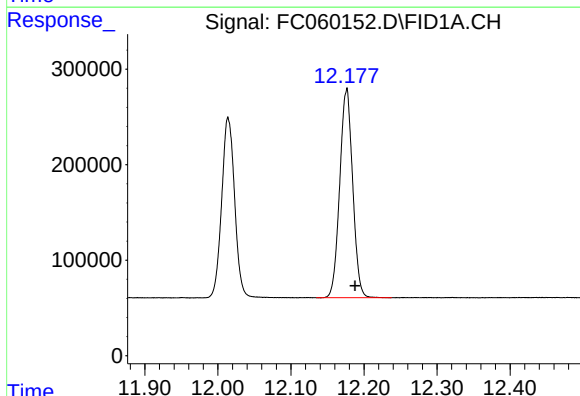
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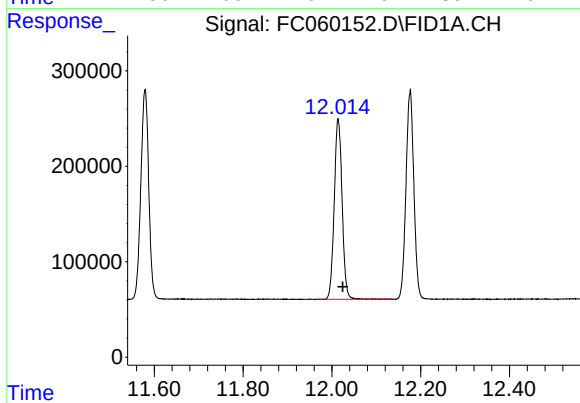
#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.010 min
Response: 2707429
Conc: 18.98 ug/ml



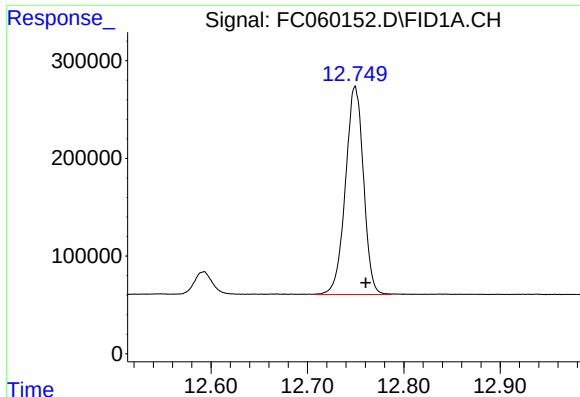
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 2692938
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.014 min
Delta R.T.: -0.010 min
Response: 2332727
Conc: 18.81 ug/ml



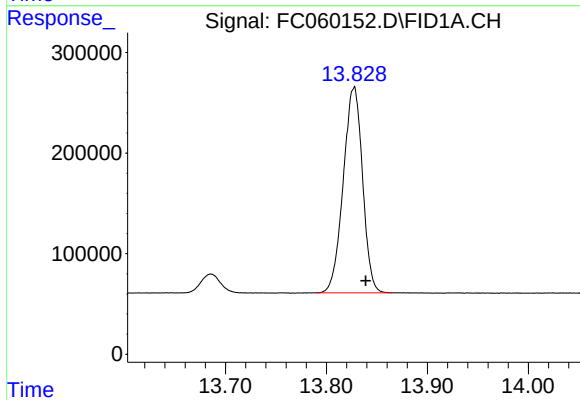
#13 n-Docosane (C22)

R.T.: 12.749 min
Delta R.T.: -0.011 min
Response: 2762128
Conc: 19.38 ug/ml

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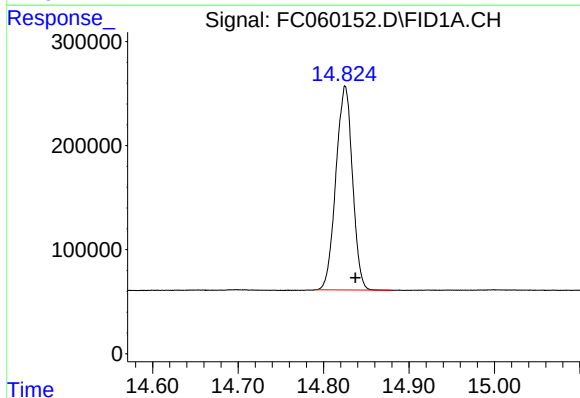
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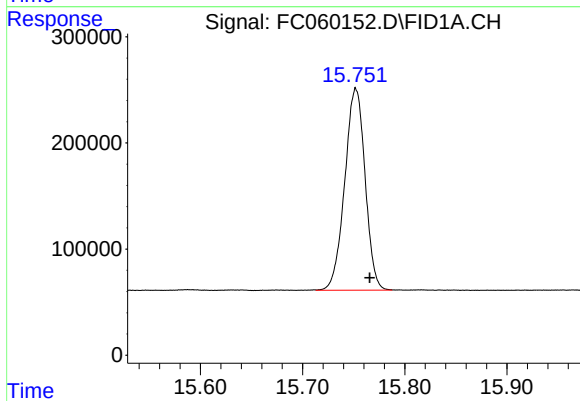
#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.011 min
Response: 2716426
Conc: 19.36 ug/ml m



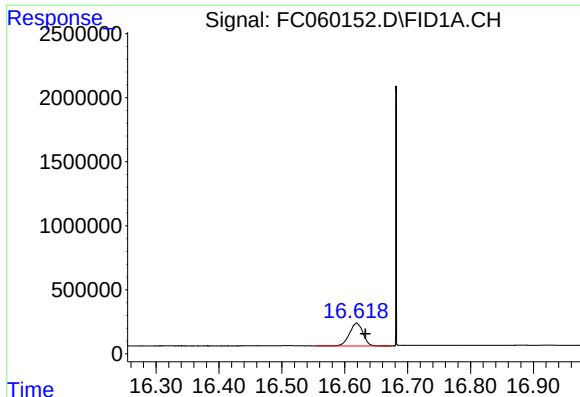
#15 n-Hexacosane (C26)

R.T.: 14.825 min
Delta R.T.: -0.013 min
Response: 2637821
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.751 min
Delta R.T.: -0.015 min
Response: 2631910
Conc: 20.21 ug/ml m



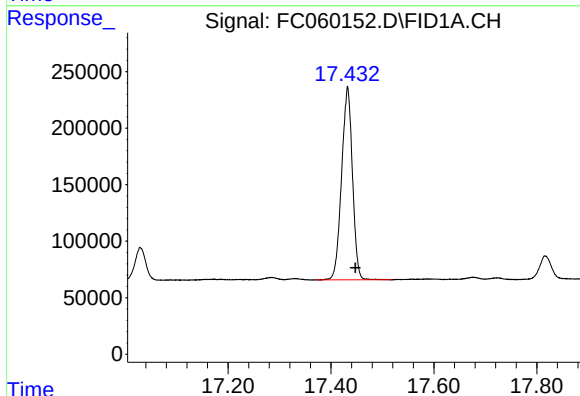
#17 n-Tricontane (C30)

R.T.: 16.619 min
Delta R.T.: -0.014 min
Response: 2633018
Conc: 21.51 ug/ml

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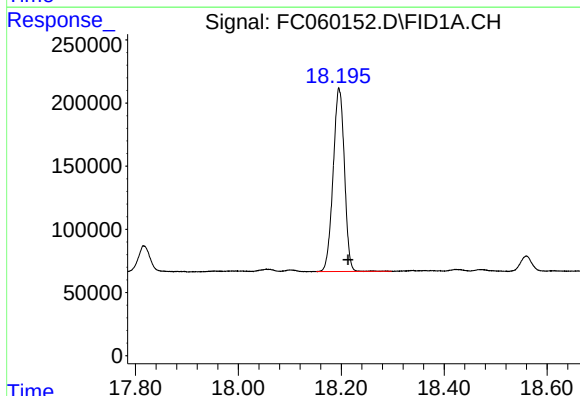
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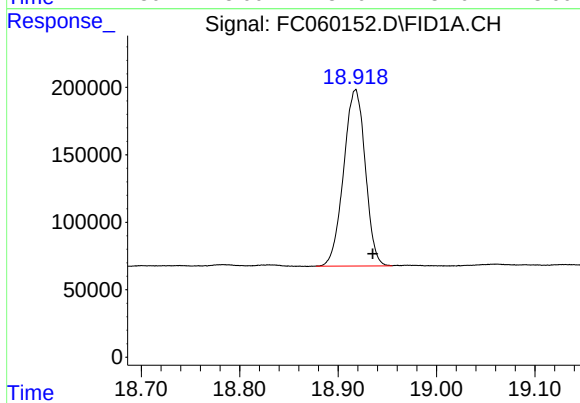
#18 n-Dotriacontane (C32)

R.T.: 17.432 min
Delta R.T.: -0.016 min
Response: 2494765
Conc: 22.38 ug/ml



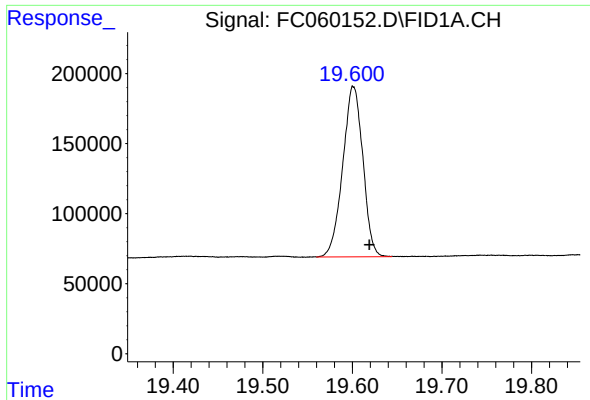
#19 n-Tetratriacontane (C34)

R.T.: 18.196 min
Delta R.T.: -0.017 min
Response: 2208224
Conc: 21.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.918 min
Delta R.T.: -0.017 min
Response: 1996430
Conc: 21.08 ug/ml m



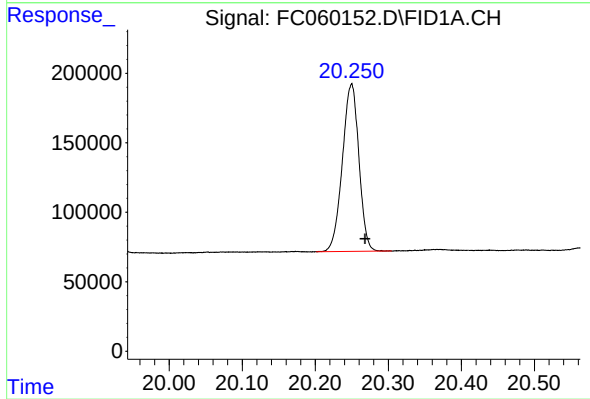
#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 1902651
Conc: 20.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.249 min
Delta R.T.: -0.019 min
Response: 1894236
Conc: 20.13 ug/ml