

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060222AL\
 Data File : FC060070.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 2:37
 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 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File: sample.E
 Quant Time: Jun 03 03:35:31 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)	10.650	3205461	20.598 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	12.019	2544870	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	2.632	2685003	20.979 ug/ml
2) T n-Decane (C10)	3.629	2702960	21.128 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3135550	21.693 ug/ml
4) T n-Dodecane (C12)	5.580	2838161	21.291 ug/ml
5) T A~2-methylnaphthalene...	6.189	3192526	21.752 ug/ml
6) T n-Tetradecane (C14)	7.331	2902071	21.258 ug/ml
7) T n-Hexadecane (C16)	8.895	2964938	21.132 ug/ml
8) T n-Octadecane (C18)	10.304	2985700	20.863 ug/ml
10) T n-Eicosane (C20)	11.584	2942765	20.626 ug/ml
11) T n-Heneicosane (C21)	12.181	2948546	20.571 ug/ml
13) T n-Docosane (C22)	12.755	2917298	20.473 ug/ml
14) T n-Tetracosane (C24)	13.832	2822314	20.112 ug/ml
15) T n-Hexacosane (C26)	14.830	2694846	19.901 ug/ml
16) T n-Octacosane (C28)	15.759	2598839	19.955 ug/ml
17) T n-Tricontane (C30)	16.625	2529721	20.663 ug/ml
18) T n-Dotriacontane (C32)	17.437	2363280	21.196 ug/mlm
19) T n-Tetratriacontane (C34)	18.203	2184198	21.415 ug/mlm
20) T n-Hexatriacontane (C36)	18.925	2061906	21.773 ug/mlm
21) T n-Octatriacontane (C38)	19.609	1984649	21.511 ug/mlm
22) T n-Tetracontane (C40)	20.257	2099915	22.319 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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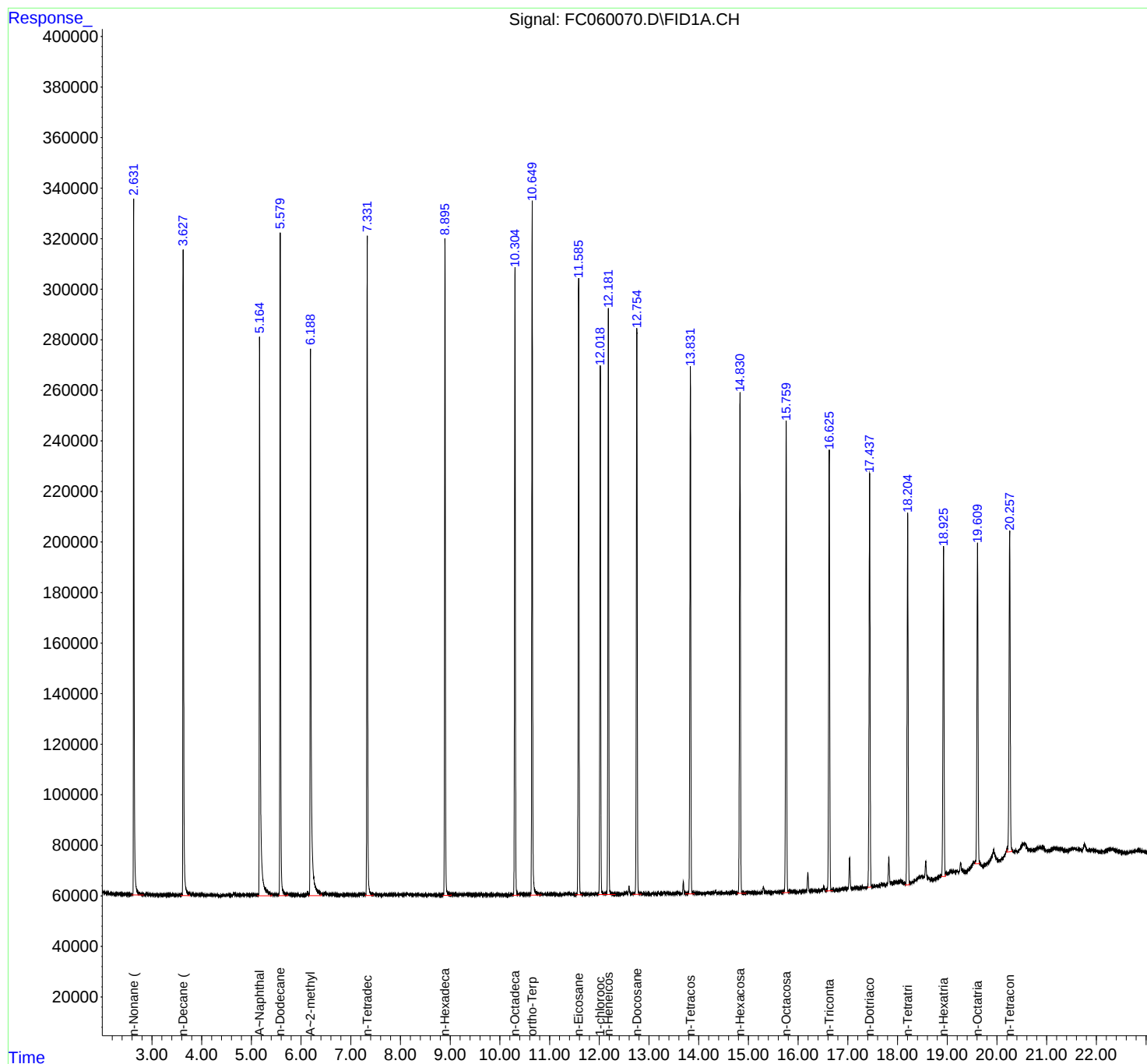
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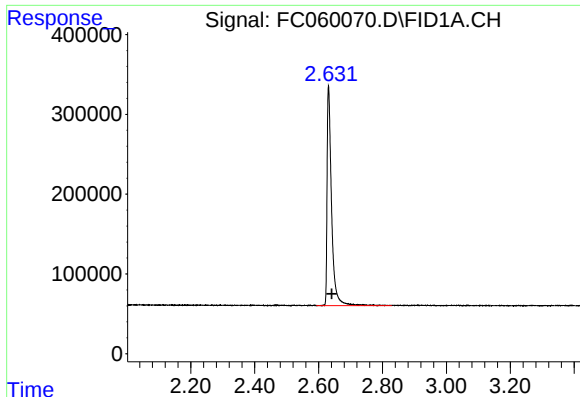
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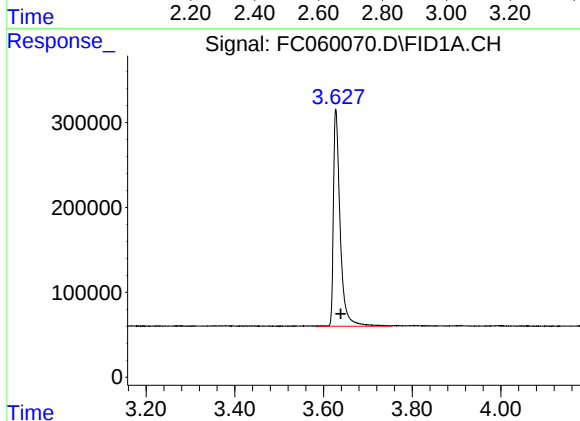
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.009 min
Response: 2685003
Conc: 20.98 ug/ml

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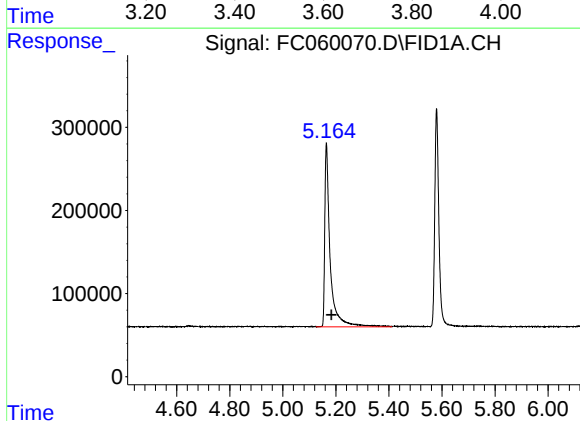
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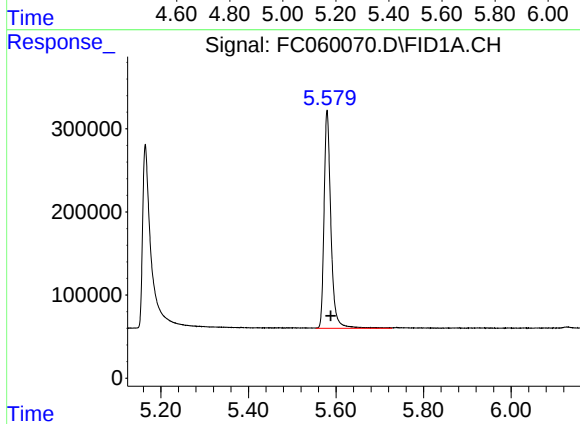
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 2702960
Conc: 21.13 ug/ml



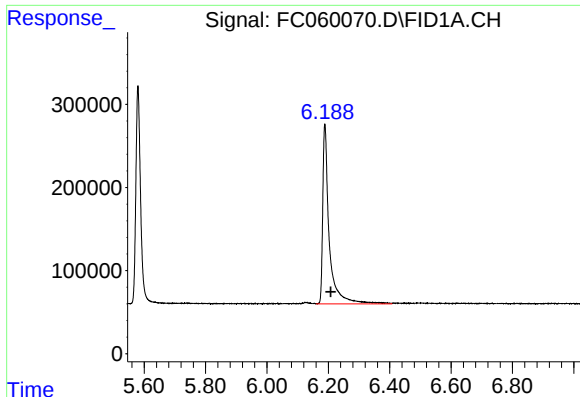
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.019 min
Response: 3135550
Conc: 21.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 2838161
Conc: 21.29 ug/ml



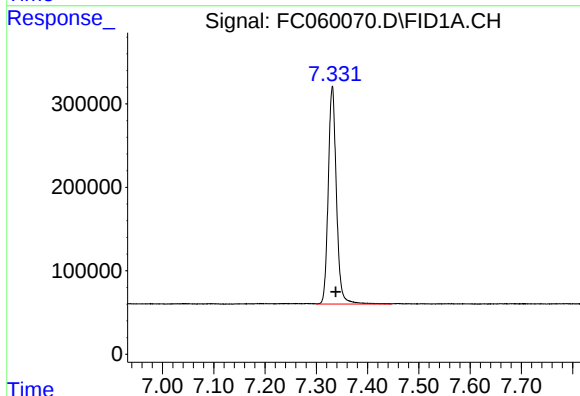
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.189 min
Delta R.T.: -0.019 min
Response: 3192526
Conc: 21.75 ug/ml

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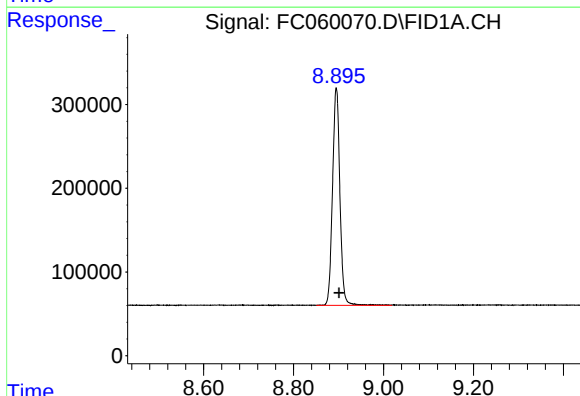
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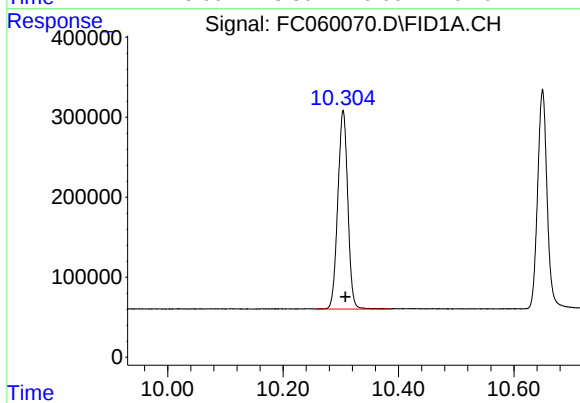
#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 2902071
Conc: 21.26 ug/ml



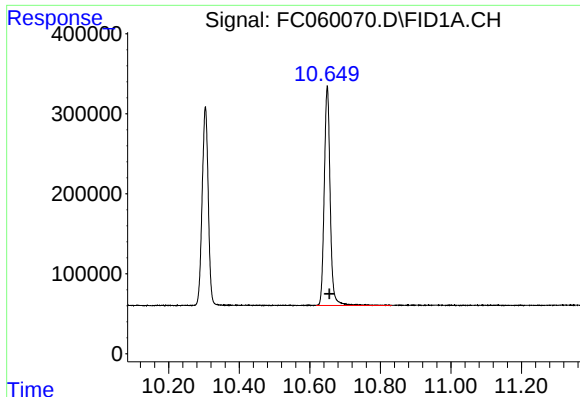
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 2964938
Conc: 21.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 2985700
Conc: 20.86 ug/ml



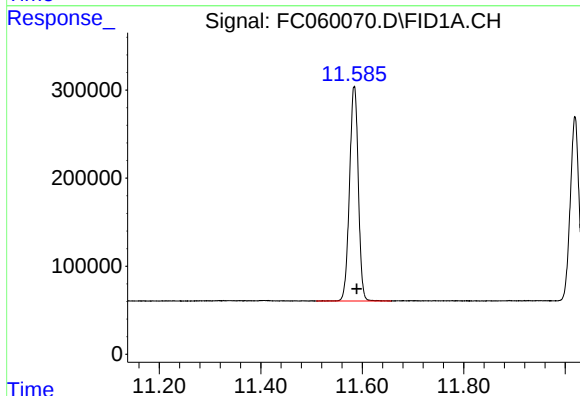
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 3205461
Conc: 20.60 ug/ml

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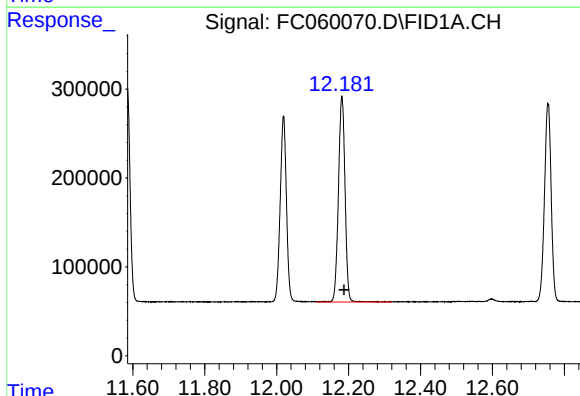
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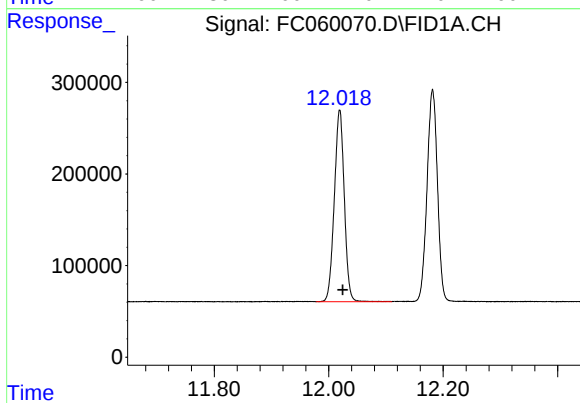
#10 n-Eicosane (C20)

R.T.: 11.584 min
Delta R.T.: -0.005 min
Response: 2942765
Conc: 20.63 ug/ml



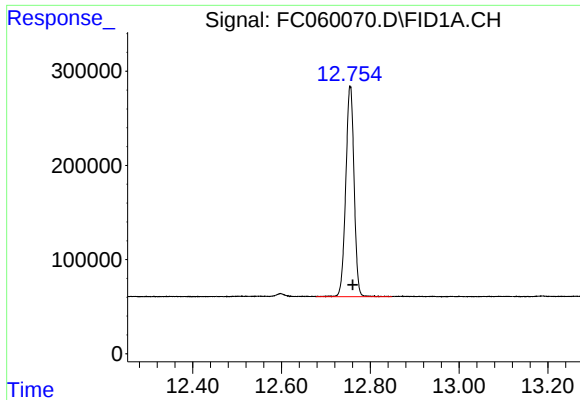
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.006 min
Response: 2948546
Conc: 20.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.019 min
Delta R.T.: -0.006 min
Response: 2544870
Conc: 20.53 ug/ml



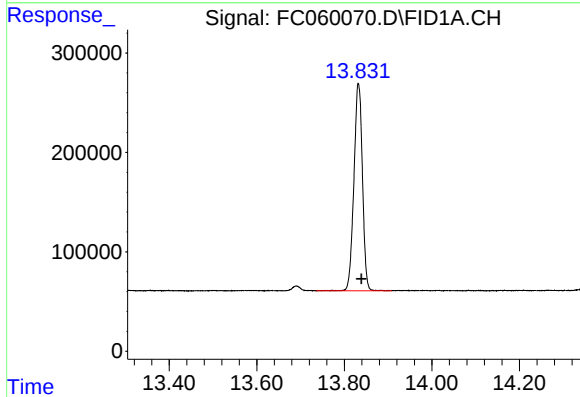
#13 n-Docosane (C22)

R.T.: 12.755 min
Delta R.T.: -0.006 min
Response: 2917298
Conc: 20.47 ug/ml

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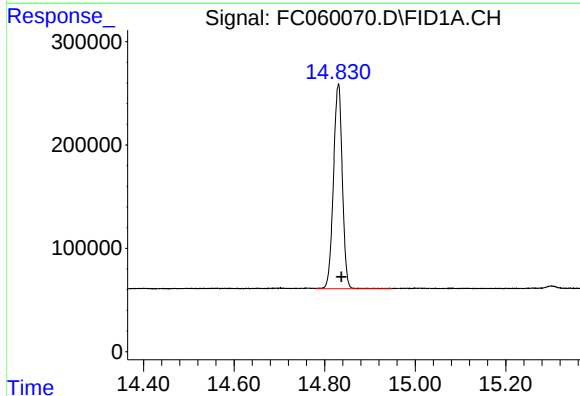
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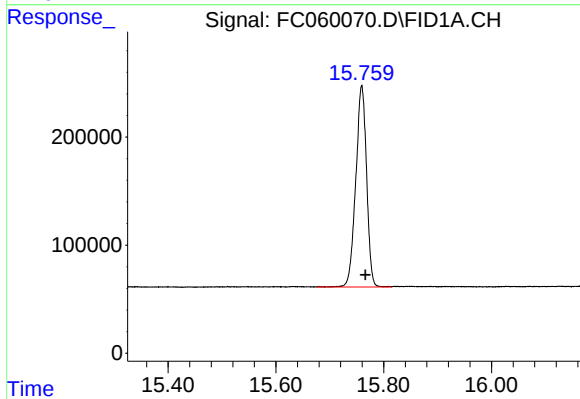
#14 n-Tetracosane (C24)

R.T.: 13.832 min
Delta R.T.: -0.007 min
Response: 2822314
Conc: 20.11 ug/ml



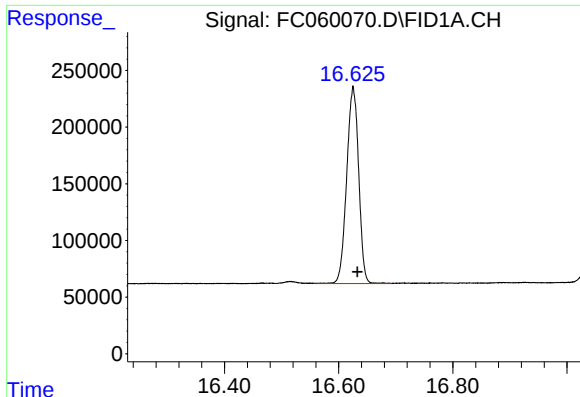
#15 n-Hexacosane (C26)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2694846
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.007 min
Response: 2598839
Conc: 19.95 ug/ml



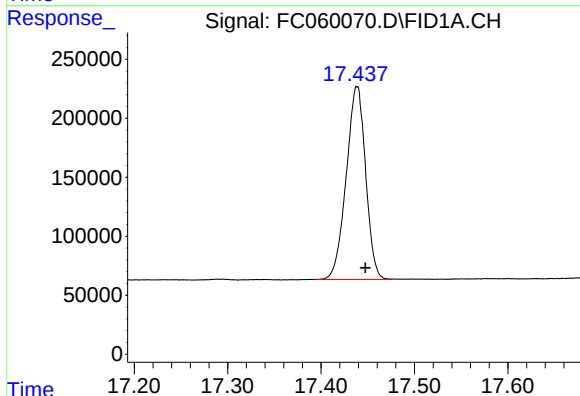
#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2529721
Conc: 20.66 ug/ml

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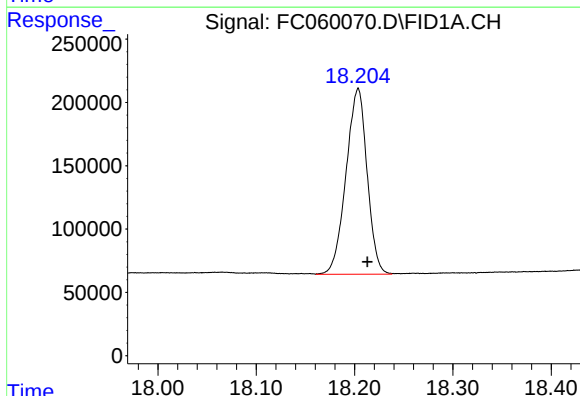
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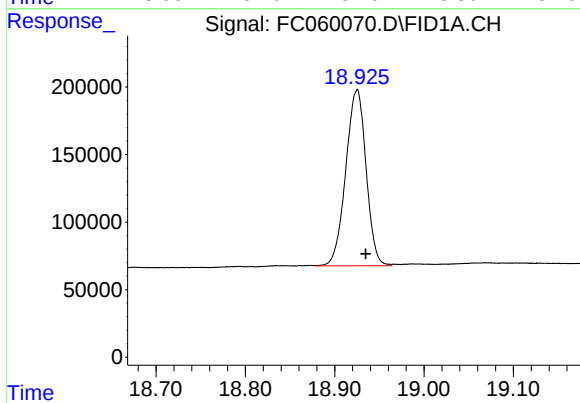
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 2363280
Conc: 21.20 ug/ml m



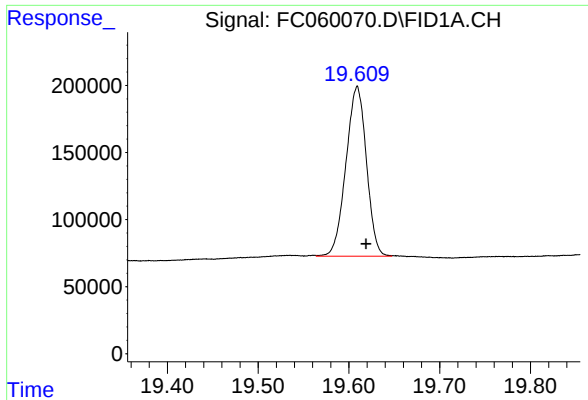
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.010 min
Response: 2184198
Conc: 21.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.010 min
Response: 2061906
Conc: 21.77 ug/ml m



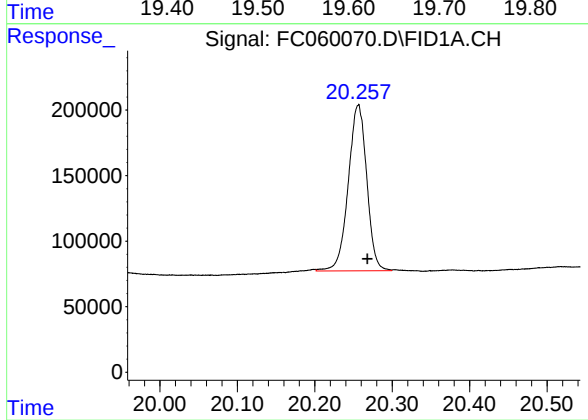
#21 n-Octatriacontane (C38)

R.T.: 19.609 min
Delta R.T.: -0.010 min
Response: 1984649
Conc: 21.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.011 min
Response: 2099915
Conc: 22.32 ug/ml m