

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061066.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2022 08:24
 Operator : YP/AJ
 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 08/11/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: autoint1.e
 Quant Time: Aug 11 08:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.635	3177244	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	11.998	2556150	19.255 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	2.635	2873736	20.404 ug/ml
2) T n-Decane (C10)	3.628	2906605	20.605 ug/ml
3) T A~Naphthalene (C11.7)	5.172	3082191	21.683 ug/ml
4) T n-Dodecane (C12)	5.572	3058918	20.638 ug/ml
5) T A~2-methylnaphthalene...	6.195	3021927	22.034 ug/ml
6) T n-Tetradecane (C14)	7.320	3065260	20.417 ug/ml
7) T n-Hexadecane (C16)	8.879	3112217	20.337 ug/ml
8) T n-Octadecane (C18)	10.285	3127280	20.027 ug/ml
10) T n-Eicosane (C20)	11.562	3080280	19.628 ug/ml
11) T n-Heneicosane (C21)	12.159	3038664	19.420 ug/ml
13) T n-Docosane (C22)	12.730	2986357	19.154 ug/ml
14) T n-Tetracosane (C24)	13.806	2848780	18.660 ug/ml
15) T n-Hexacosane (C26)	14.801	2706217	18.129 ug/ml
16) T n-Octacosane (C28)	15.729	2593394	18.099 ug/ml
17) T n-Tricontane (C30)	16.594	2627864	18.770 ug/ml
18) T n-Dotriacontane (C32)	17.405	2667698	19.766 ug/ml
19) T n-Tetratriacontane (C34)	18.169	2600144	20.732 ug/mlm
20) T n-Hexatriacontane (C36)	18.889	2693619	22.036 ug/ml
21) T n-Octatriacontane (C38)	19.570	2657361	22.515 ug/mlm
22) T n-Tetracontane (C40)	20.216	2544828	22.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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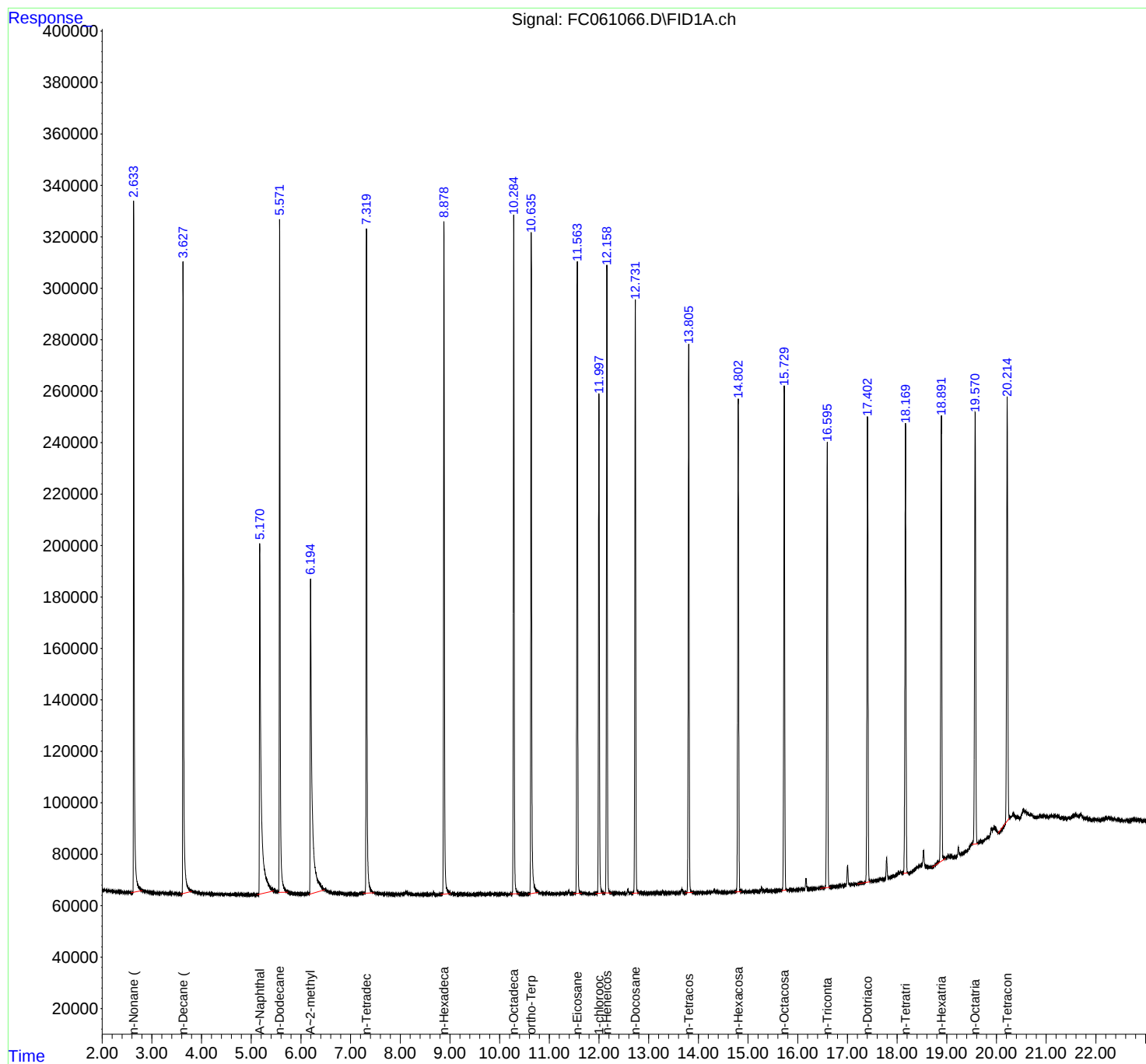
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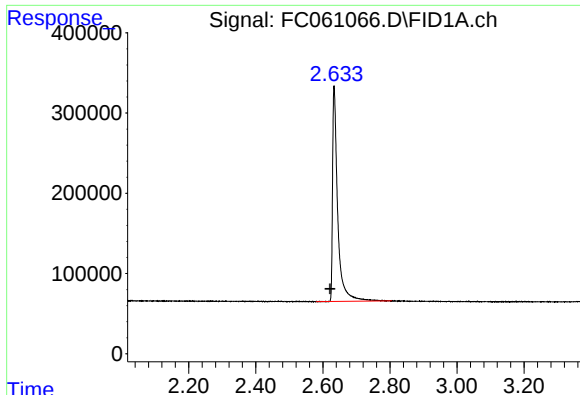
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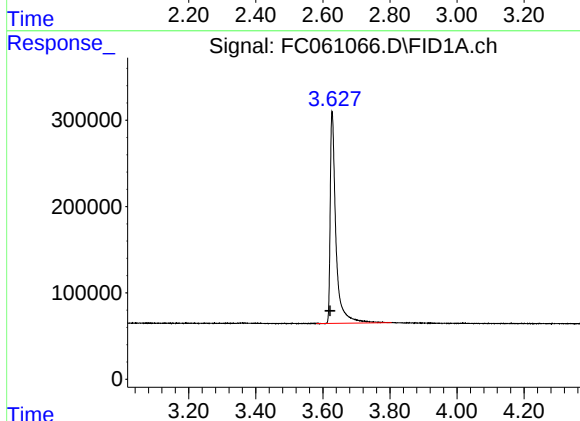
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 2873736
Conc: 20.40 ug/ml

Instrument :
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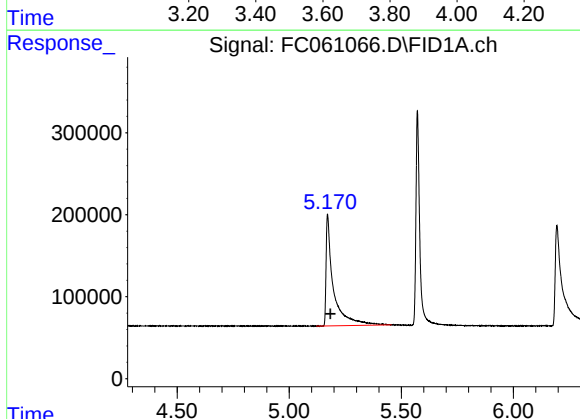
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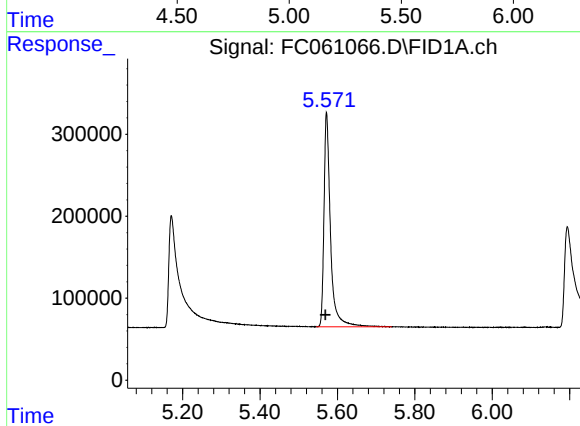
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.007 min
Response: 2906605
Conc: 20.60 ug/ml



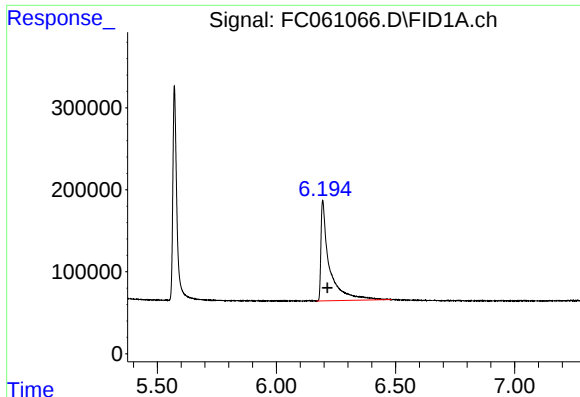
#3 A~Naphthalene (C11.7)

R.T.: 5.172 min
Delta R.T.: -0.013 min
Response: 3082191
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.572 min
Delta R.T.: 0.003 min
Response: 3058918
Conc: 20.64 ug/ml



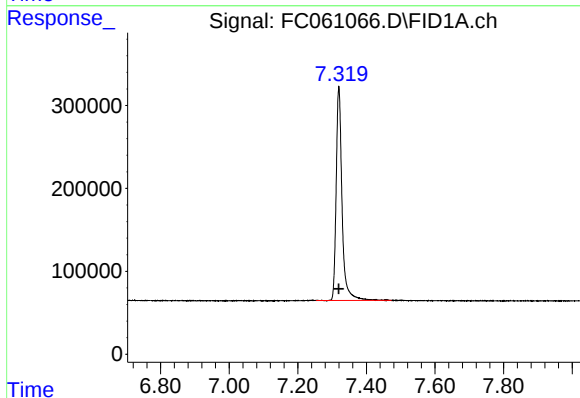
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.020 min
Response: 3021927
Conc: 22.03 ug/ml

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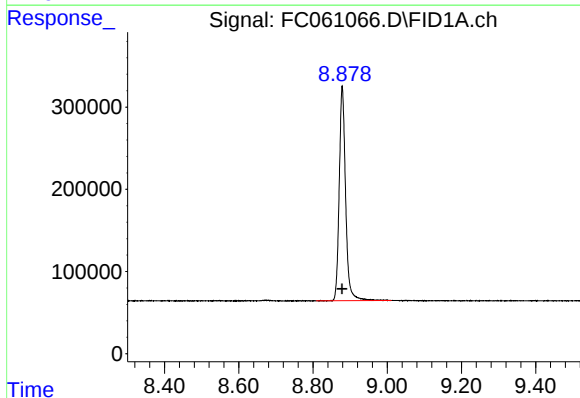
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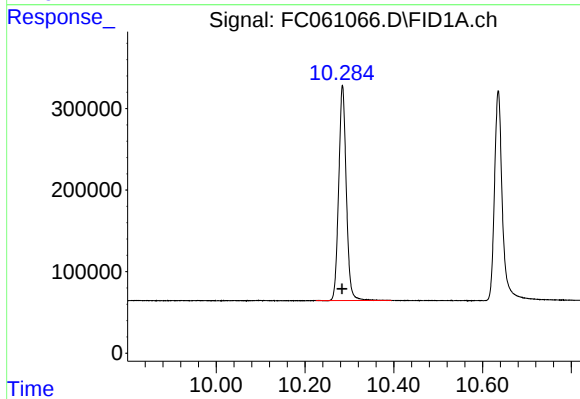
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 3065260
Conc: 20.42 ug/ml



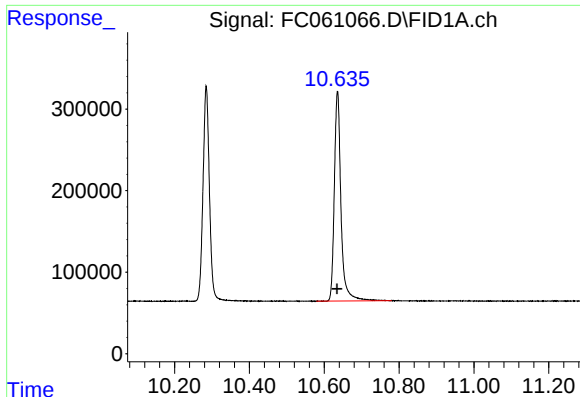
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 3112217
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 3127280
Conc: 20.03 ug/ml



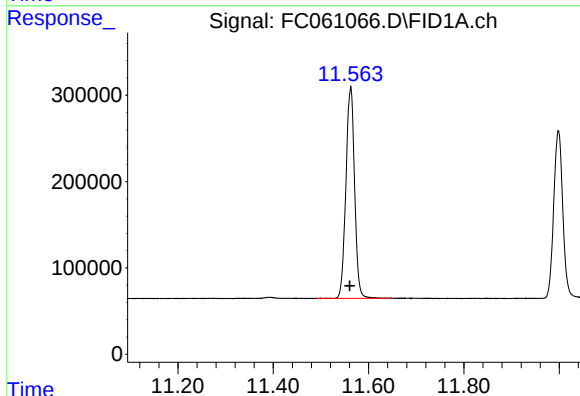
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 3177244
Conc: 19.36 ug/ml

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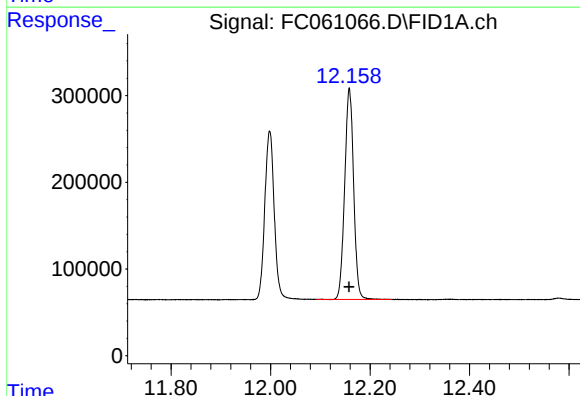
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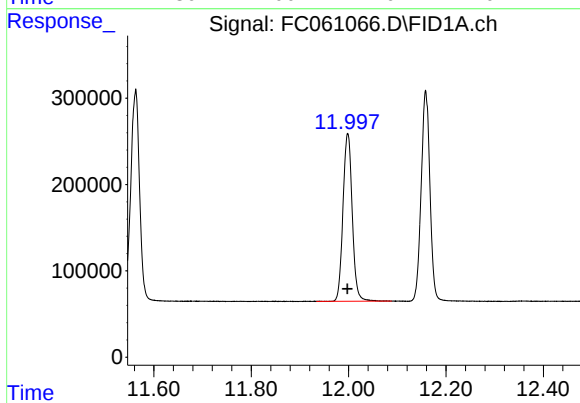
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: 0.001 min
Response: 3080280
Conc: 19.63 ug/ml



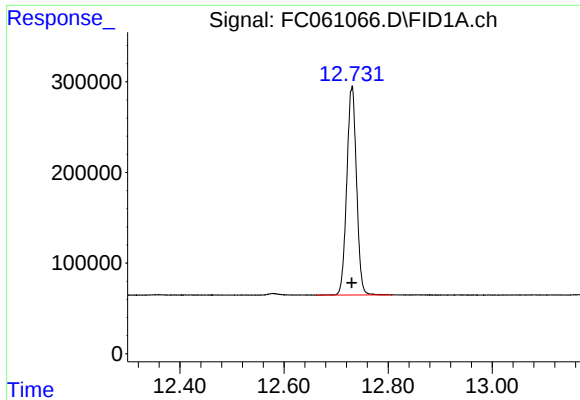
#11 n-Heneicosane (C21)

R.T.: 12.159 min
Delta R.T.: 0.000 min
Response: 3038664
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2556150
Conc: 19.25 ug/ml



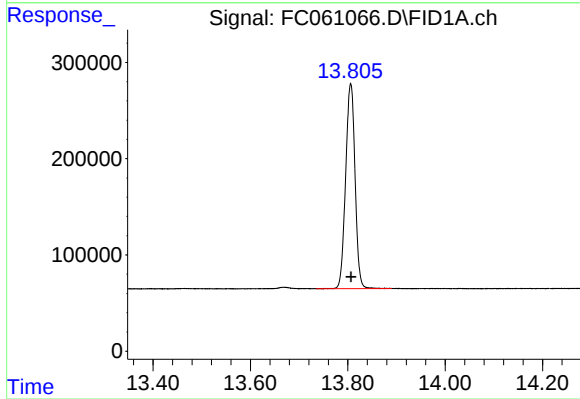
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 2986357
Conc: 19.15 ug/ml

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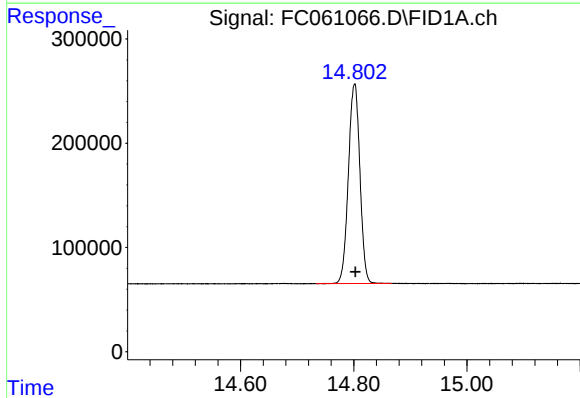
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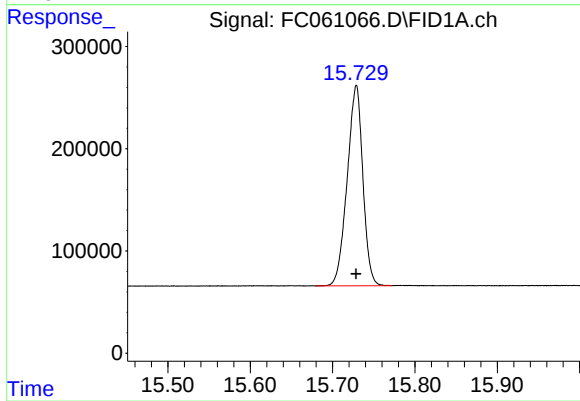
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 2848780
Conc: 18.66 ug/ml



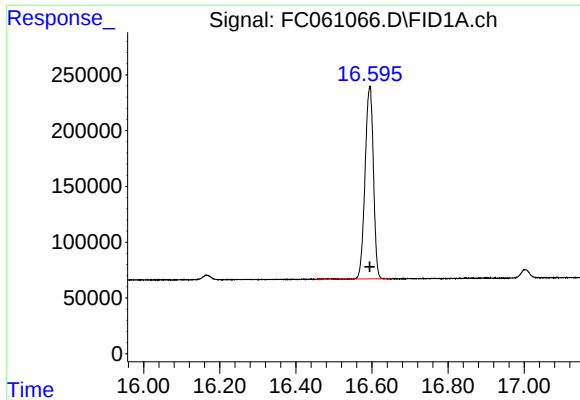
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 2706217
Conc: 18.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 2593394
Conc: 18.10 ug/ml



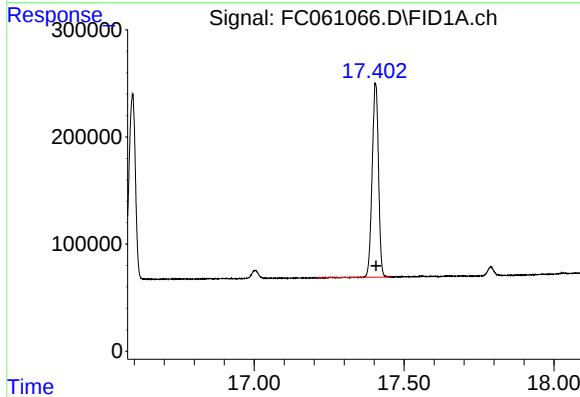
#17 n-Tricontane (C30)

R.T.: 16.594 min
Delta R.T.: 0.000 min
Response: 2627864
Conc: 18.77 ug/ml

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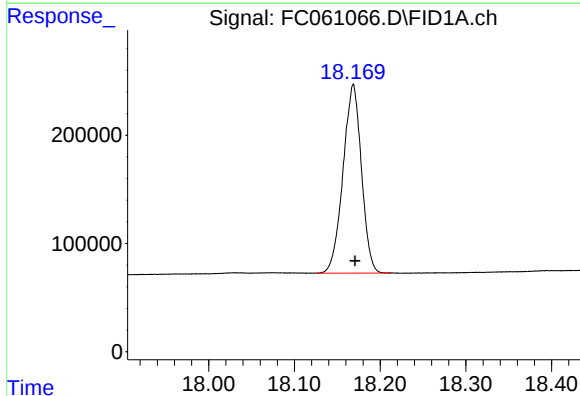
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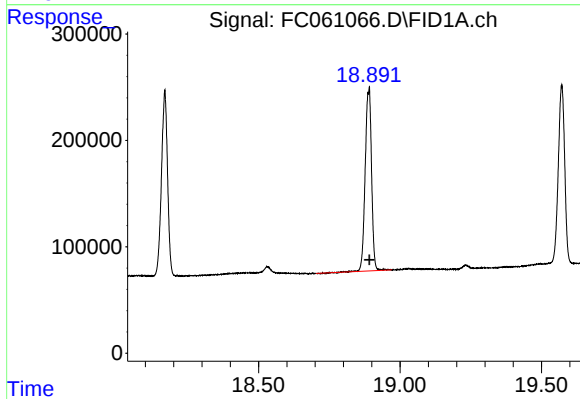
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 2667698
Conc: 19.77 ug/ml



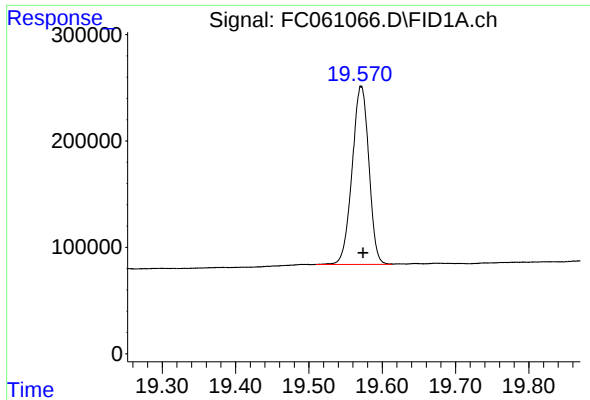
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min
Delta R.T.: -0.002 min
Response: 2600144
Conc: 20.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.003 min
Response: 2693619
Conc: 22.04 ug/ml



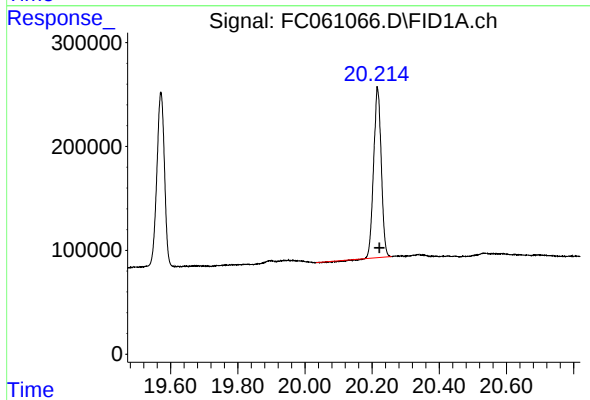
#21 n-Octatriacontane (C38)

R.T.: 19.570 min
Delta R.T.: -0.004 min
Response: 2657361
Conc: 22.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 2544828
Conc: 22.11 ug/ml