

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072922AL\
 Data File : FC060900.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2022 15:55
 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 08/01/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: sample.E
 Quant Time: Jul 29 23:01:16 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)	10.630	3118482	19.002 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	11.997	2495784	18.800 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
Target Compounds			
1) T n-Nonane (C9)	2.615	2893948	20.548 ug/ml
2) T n-Decane (C10)	3.614	2934703	20.804 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3013754	21.202 ug/ml
4) T n-Dodecane (C12)	5.563	3071998	20.727 ug/ml
5) T A~2-methylnaphthalene...	6.181	2905579	21.185 ug/ml
6) T n-Tetradecane (C14)	7.313	3084751	20.547 ug/ml
7) T n-Hexadecane (C16)	8.874	3104348	20.285 ug/ml
8) T n-Octadecane (C18)	10.282	3090602	19.792 ug/ml
10) T n-Eicosane (C20)	11.560	3012284	19.195 ug/ml
11) T n-Heneicosane (C21)	12.158	2965691	18.954 ug/ml
13) T n-Docosane (C22)	12.730	2905694	18.636 ug/ml
14) T n-Tetracosane (C24)	13.807	2764668	18.109 ug/ml
15) T n-Hexacosane (C26)	14.804	2646337	17.728 ug/ml
16) T n-Octacosane (C28)	15.730	2562814	17.885 ug/ml
17) T n-Tricontane (C30)	16.596	2631556	18.797 ug/ml
18) T n-Dotriacontane (C32)	17.408	2678628	19.847 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2560619	20.417 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2522263	20.635 ug/mlm
21) T n-Octatriacontane (C38)	19.574	2472576	20.950 ug/mlm
22) T n-Tetracontane (C40)	20.222	2486166	21.601 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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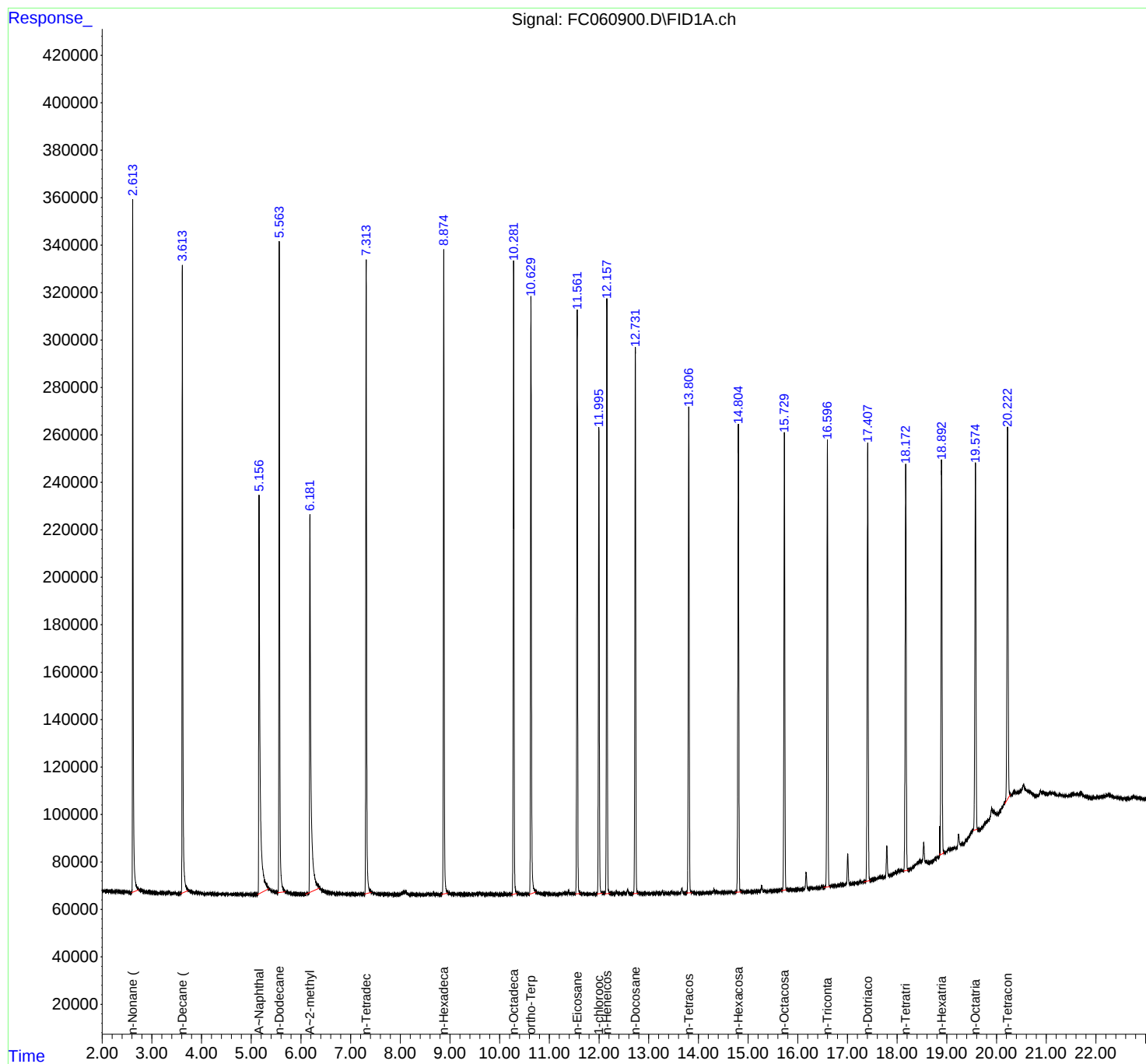
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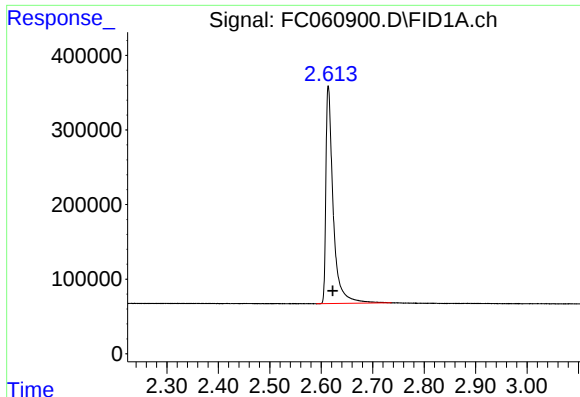
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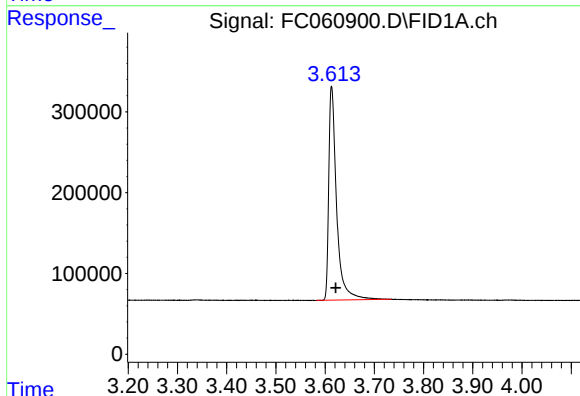
#1 n-Nonane (C9)

R.T.: 2.615 min
Delta R.T.: -0.007 min
Response: 2893948
Conc: 20.55 ug/ml

Instrument :
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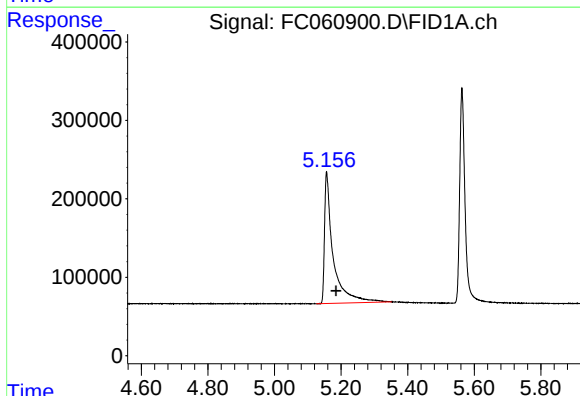
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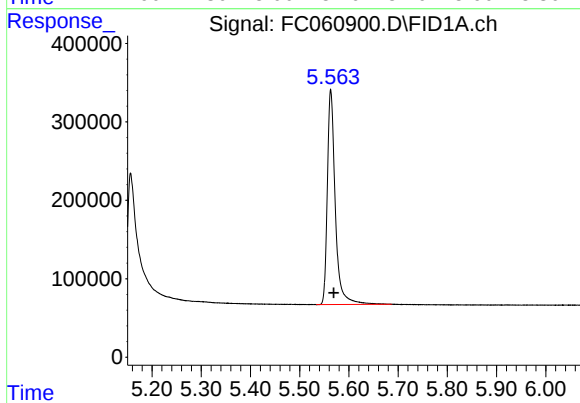
#2 n-Decane (C10)

R.T.: 3.614 min
Delta R.T.: -0.008 min
Response: 2934703
Conc: 20.80 ug/ml



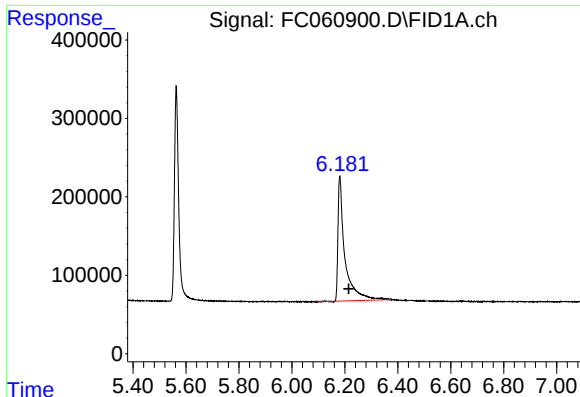
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.027 min
Response: 3013754
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.563 min
Delta R.T.: -0.006 min
Response: 3071998
Conc: 20.73 ug/ml



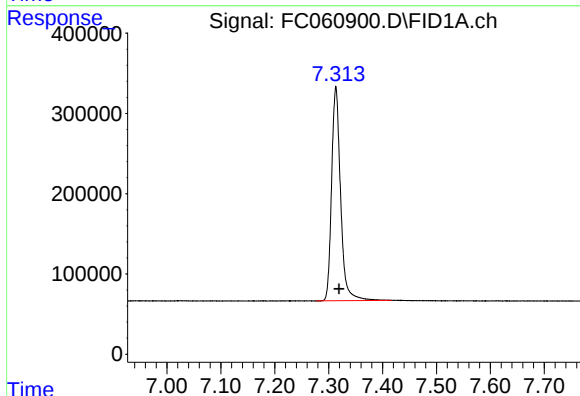
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min
Delta R.T.: -0.033 min
Response: 2905579
Conc: 21.19 ug/ml

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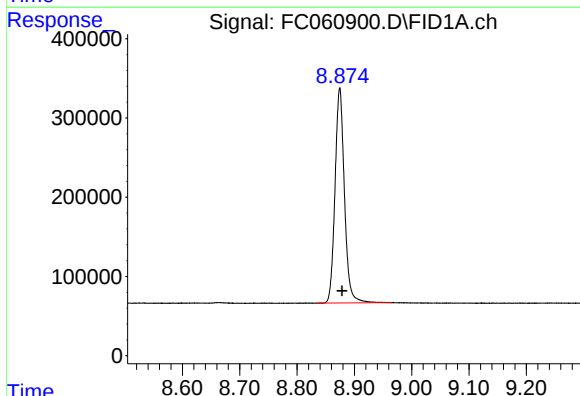
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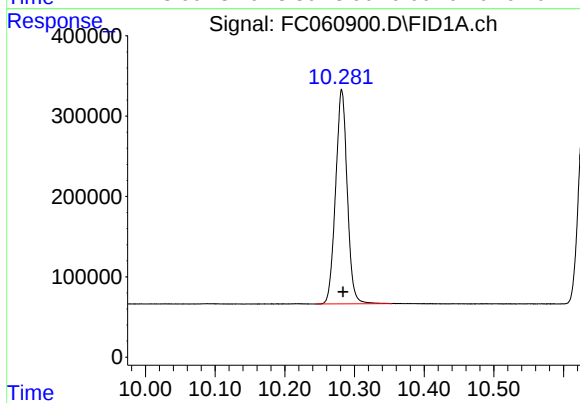
#6 n-Tetradecane (C14)

R.T.: 7.313 min
Delta R.T.: -0.006 min
Response: 3084751
Conc: 20.55 ug/ml



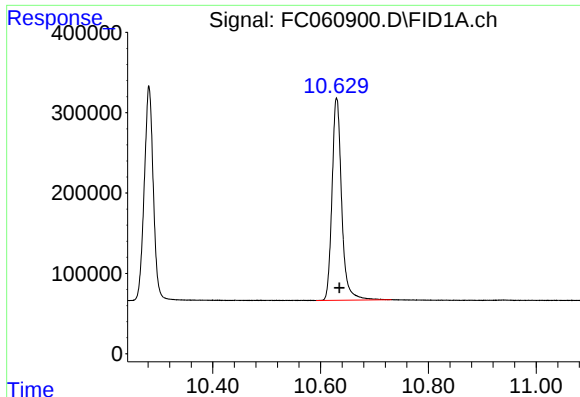
#7 n-Hexadecane (C16)

R.T.: 8.874 min
Delta R.T.: -0.004 min
Response: 3104348
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 3090602
Conc: 19.79 ug/ml



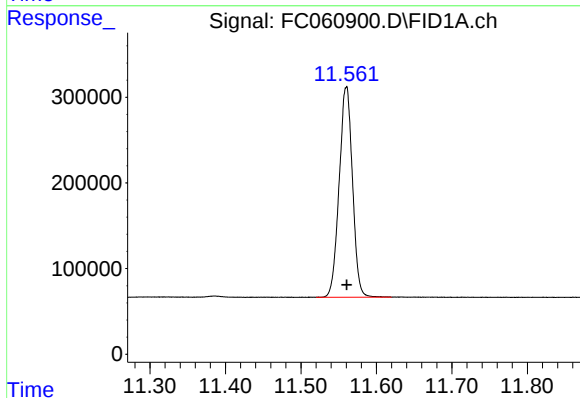
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.005 min
Response: 3118482
Conc: 19.00 ug/ml

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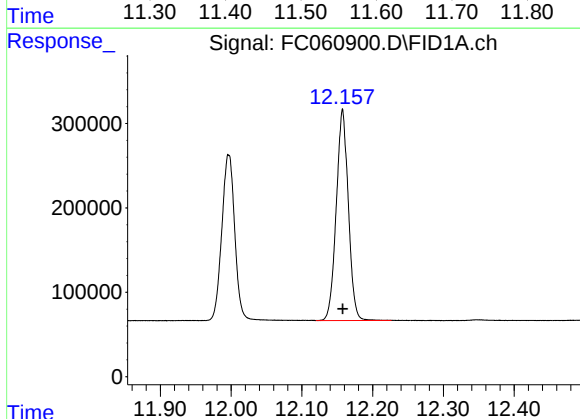
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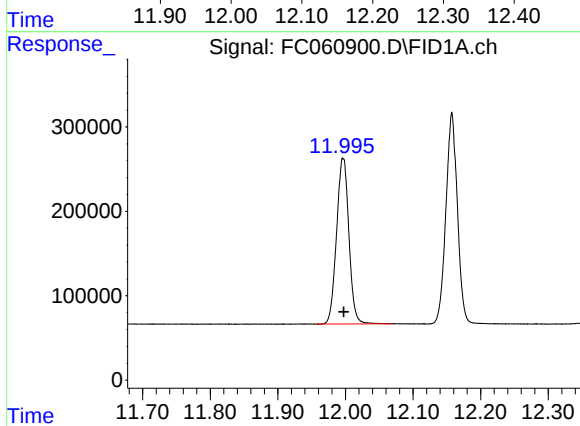
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 3012284
Conc: 19.19 ug/ml



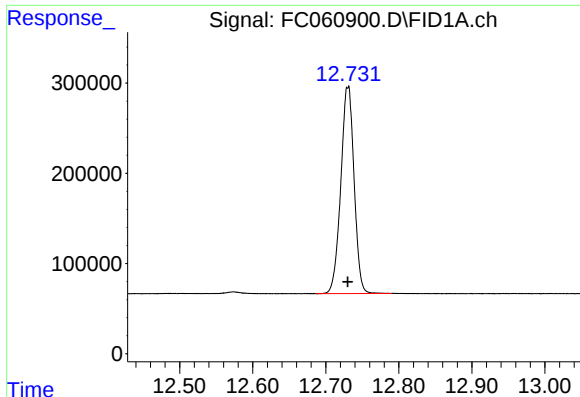
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 2965691
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: -0.001 min
Response: 2495784
Conc: 18.80 ug/ml



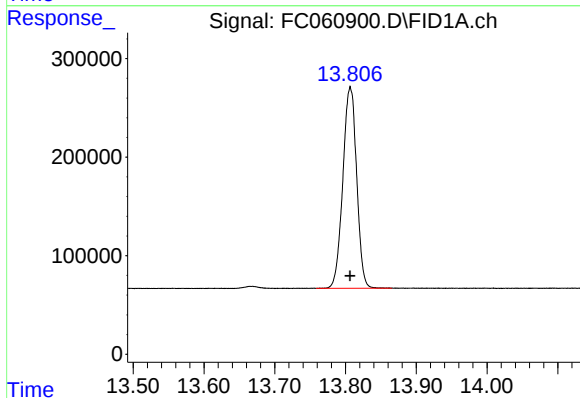
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 2905694
Conc: 18.64 ug/ml

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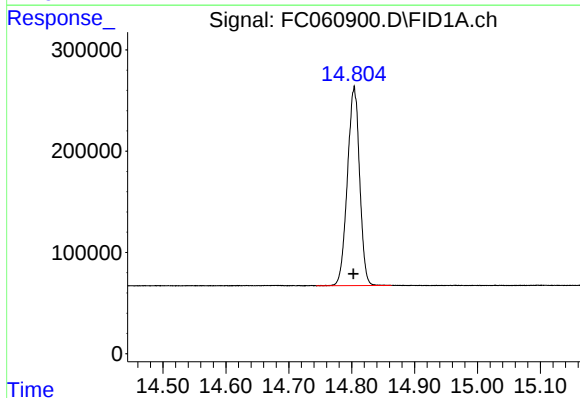
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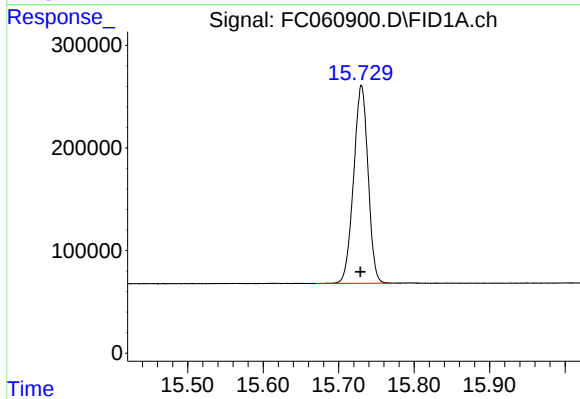
#14 n-Tetracosane (C24)

R.T.: 13.807 min
Delta R.T.: 0.000 min
Response: 2764668
Conc: 18.11 ug/ml



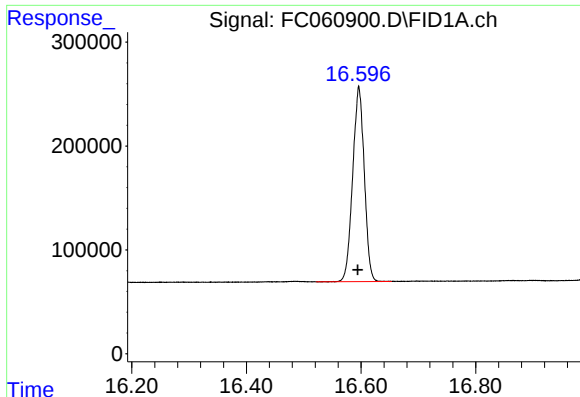
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 2646337
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.730 min
Delta R.T.: 0.002 min
Response: 2562814
Conc: 17.89 ug/ml



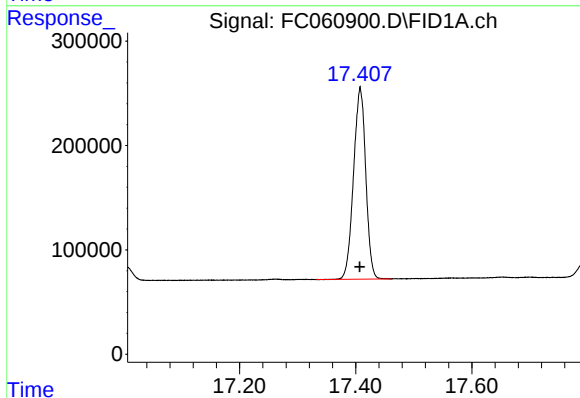
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.002 min
Response: 2631556
Conc: 18.80 ug/ml

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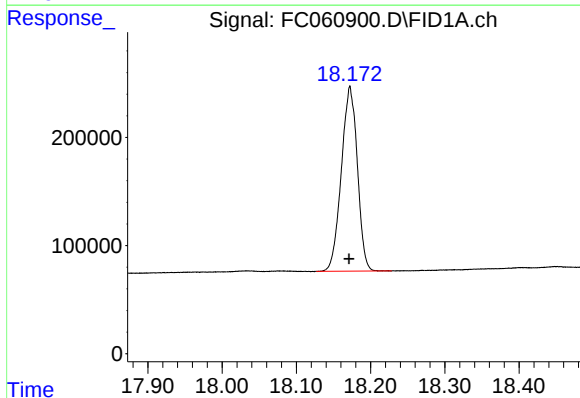
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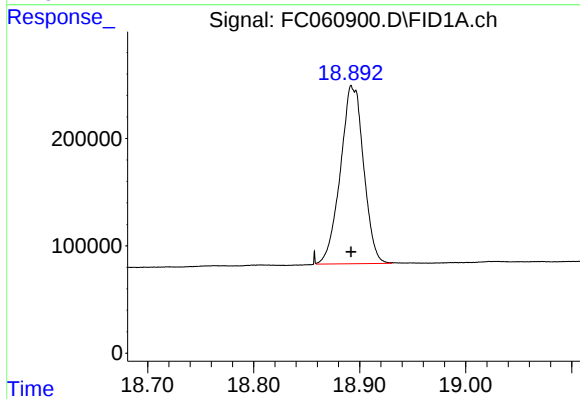
#18 n-Dotriacontane (C32)

R.T.: 17.408 min
Delta R.T.: 0.000 min
Response: 2678628
Conc: 19.85 ug/ml



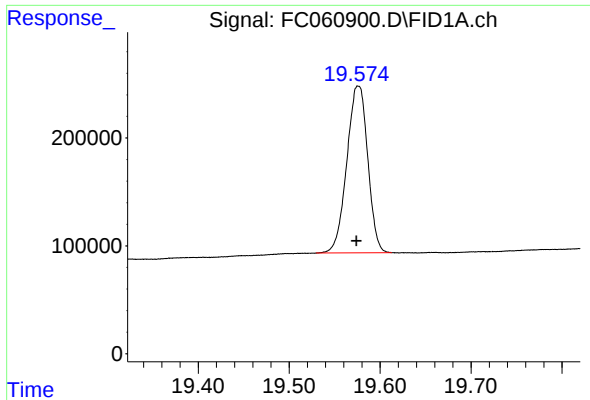
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: 0.001 min
Response: 2560619
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 2522263
Conc: 20.63 ug/ml m



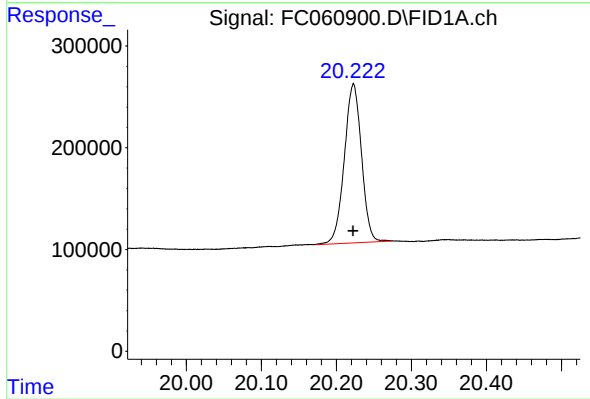
#21 n-Octatriacontane (C38)

R.T.: 19.574 min
Delta R.T.: 0.000 min
Response: 2472576
Conc: 20.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 2486166
Conc: 21.60 ug/ml m