

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072822AL\
 Data File : FC060872.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2022 10:13
 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 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 28 22:49:13 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)	10.634	3290377	20.050 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	11.998	2634697	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	2.622	3014894	21.407 ug/ml
2) T n-Decane (C10)	3.618	3069404	21.759 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3160813	22.236 ug/ml
4) T n-Dodecane (C12)	5.566	3219614	21.723 ug/ml
5) T A~2-methylnaphthalene...	6.183	3060112	22.312 ug/ml
6) T n-Tetradecane (C14)	7.316	3224889	21.480 ug/ml
7) T n-Hexadecane (C16)	8.878	3242450	21.188 ug/ml
8) T n-Octadecane (C18)	10.285	3237783	20.735 ug/ml
10) T n-Eicosane (C20)	11.563	3170973	20.206 ug/ml
11) T n-Heneicosane (C21)	12.160	3125845	19.977 ug/ml
13) T n-Docosane (C22)	12.732	3071377	19.699 ug/ml
14) T n-Tetracosane (C24)	13.809	2911796	19.073 ug/ml
15) T n-Hexacosane (C26)	14.806	2762788	18.508 ug/ml
16) T n-Octacosane (C28)	15.732	2637132	18.404 ug/ml
17) T n-Tricontane (C30)	16.598	2648922	18.921 ug/ml
18) T n-Dotriacontane (C32)	17.410	2652784	19.656 ug/ml
19) T n-Tetratriacontane (C34)	18.175	2551671	20.345 ug/ml
20) T n-Hexatriacontane (C36)	18.896	2560173	20.945 ug/ml
21) T n-Octatriacontane (C38)	19.578	2511860	21.283 ug/ml
22) T n-Tetracontane (C40)	20.226	2501770	21.736 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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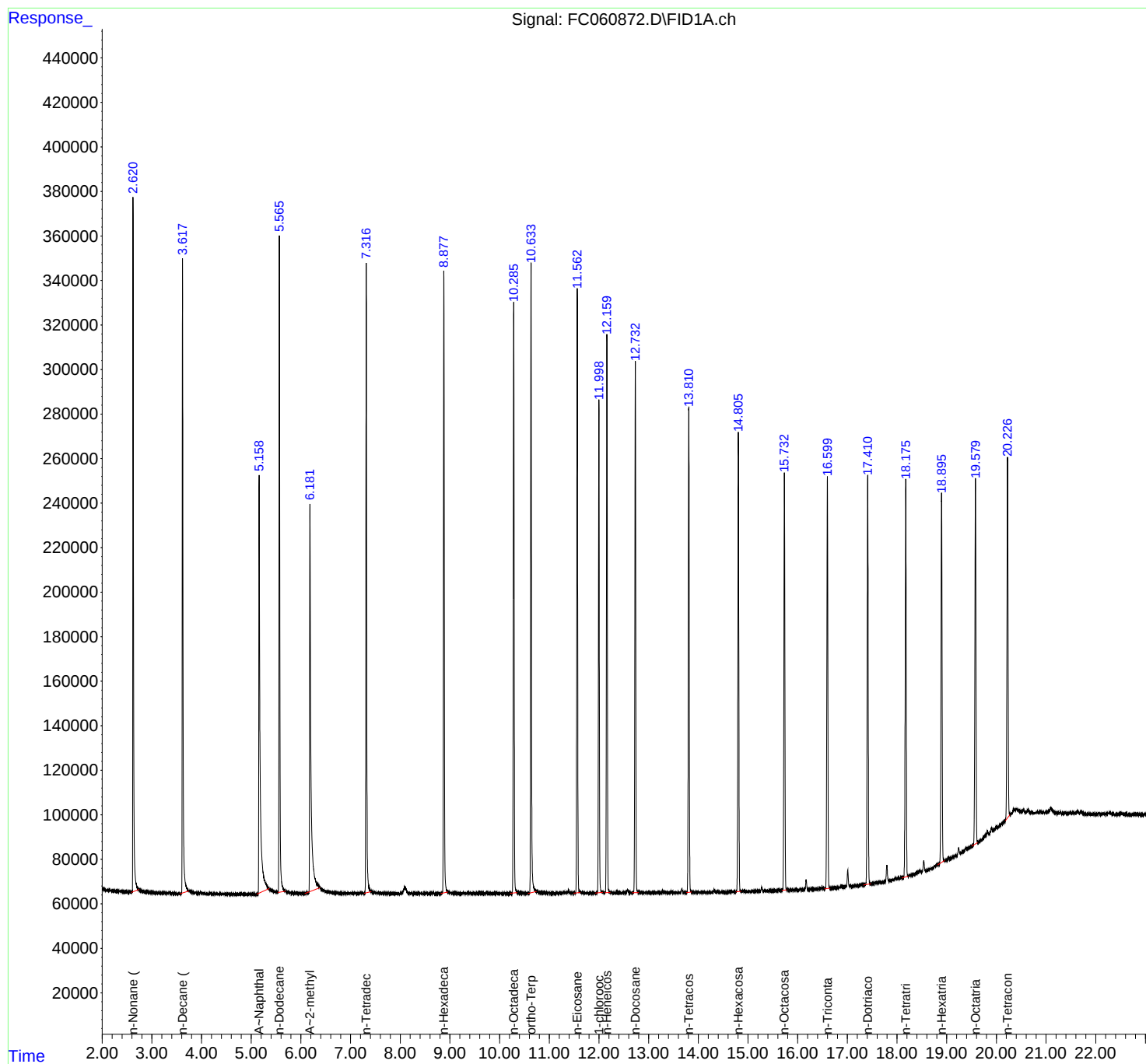
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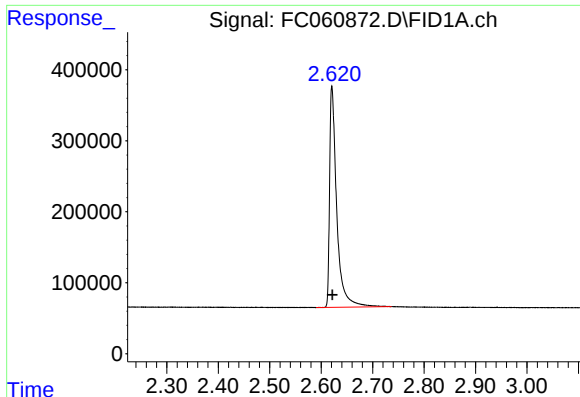
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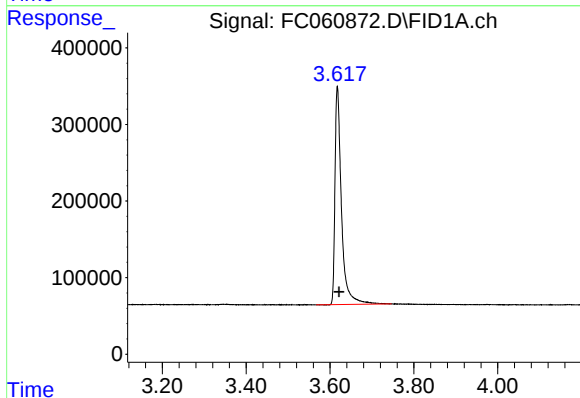
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 3014894
Conc: 21.41 ug/ml

Instrument :
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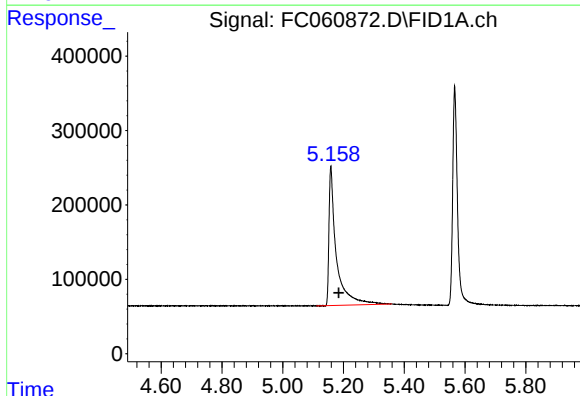
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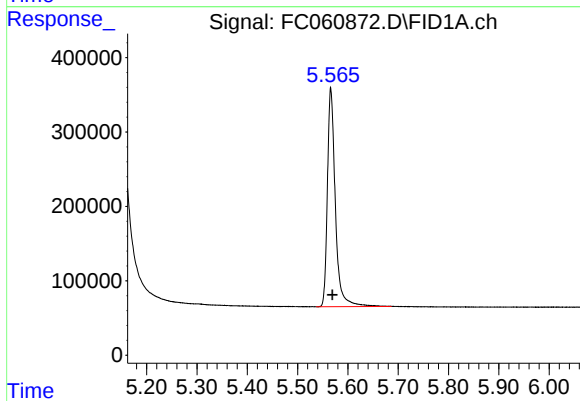
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 3069404
Conc: 21.76 ug/ml



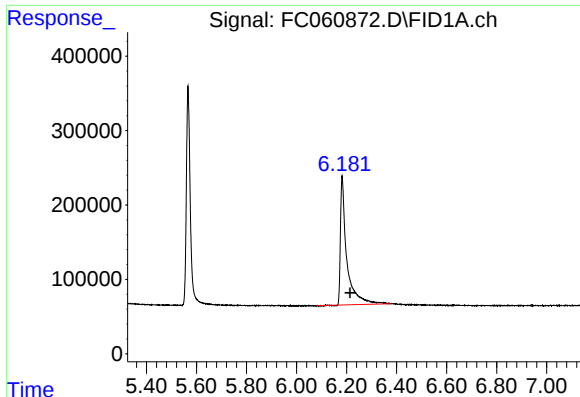
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.026 min
Response: 3160813
Conc: 22.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 3219614
Conc: 21.72 ug/ml



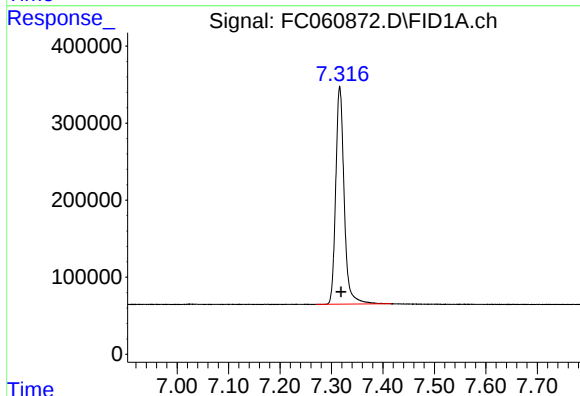
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.032 min
Response: 3060112
Conc: 22.31 ug/ml

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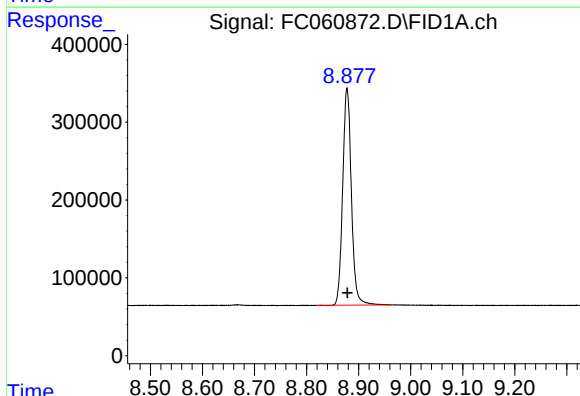
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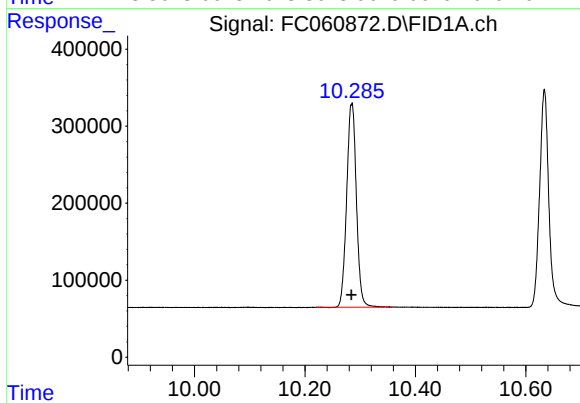
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 3224889
Conc: 21.48 ug/ml



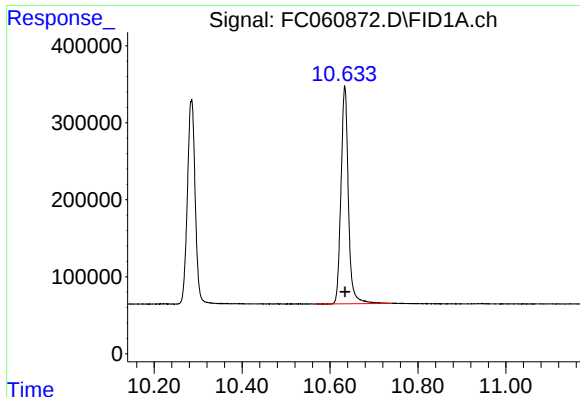
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 3242450
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.000 min
Response: 3237783
Conc: 20.73 ug/ml



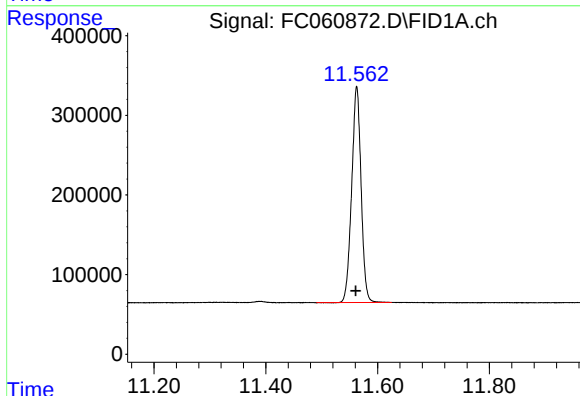
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 3290377
Conc: 20.05 ug/ml

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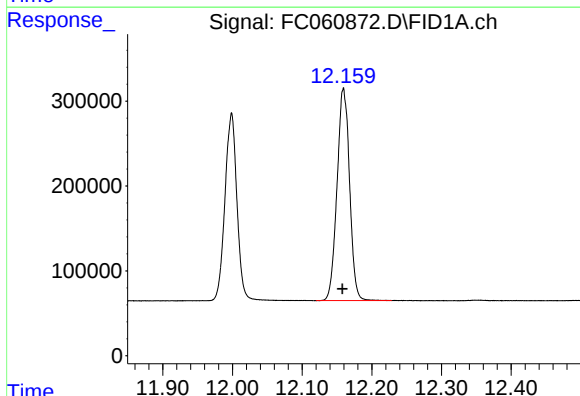
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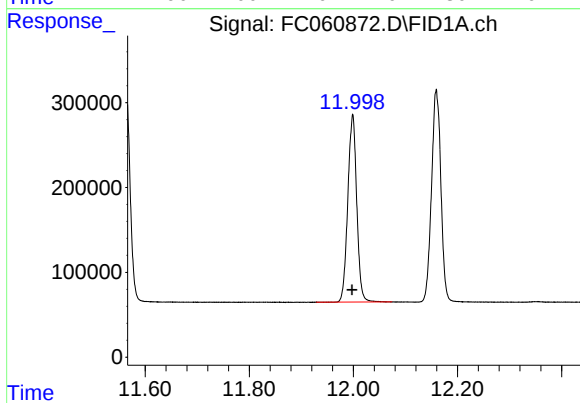
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 3170973
Conc: 20.21 ug/ml



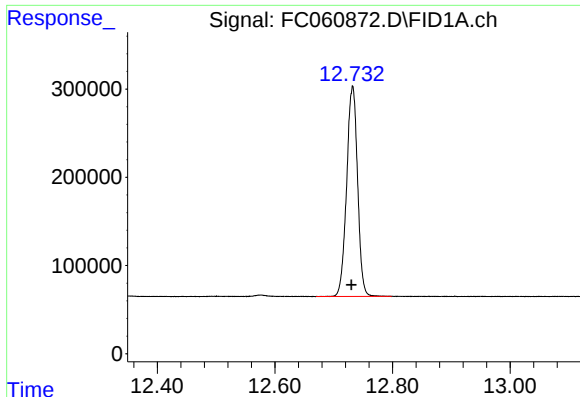
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 3125845
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2634697
Conc: 19.85 ug/ml



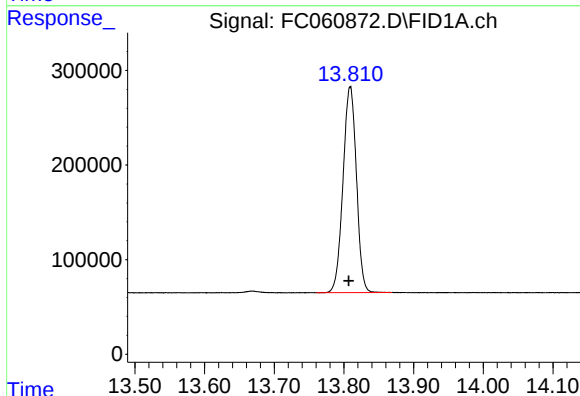
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 3071377
Conc: 19.70 ug/ml

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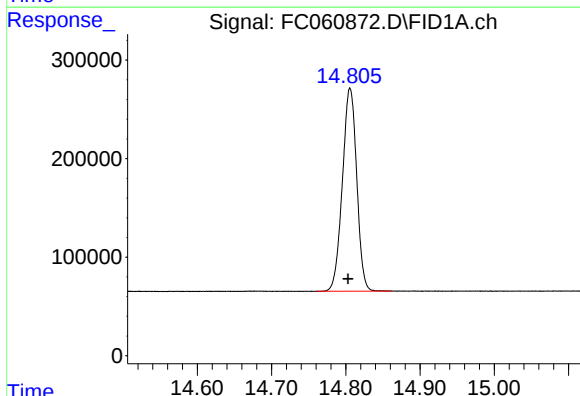
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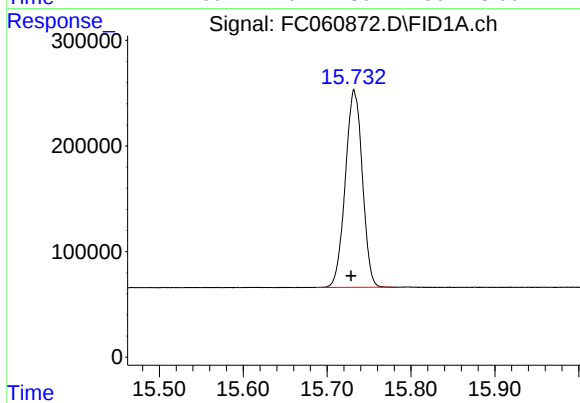
#14 n-Tetracosane (C24)

R.T.: 13.809 min
Delta R.T.: 0.002 min
Response: 2911796
Conc: 19.07 ug/ml



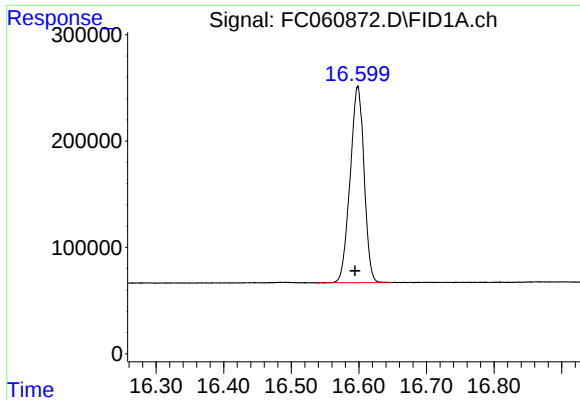
#15 n-Hexacosane (C26)

R.T.: 14.806 min
Delta R.T.: 0.003 min
Response: 2762788
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.732 min
Delta R.T.: 0.004 min
Response: 2637132
Conc: 18.40 ug/ml



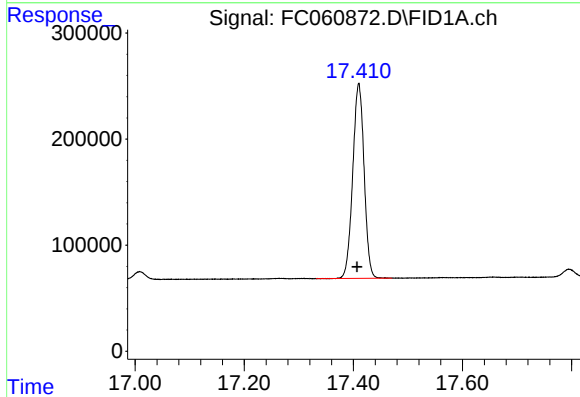
#17 n-Tricontane (C30)

R.T.: 16.598 min
Delta R.T.: 0.004 min
Response: 2648922
Conc: 18.92 ug/ml

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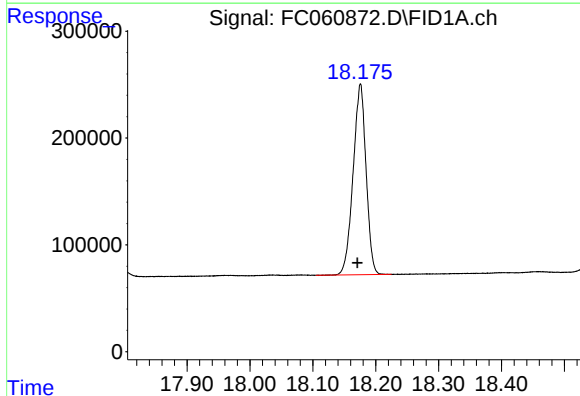
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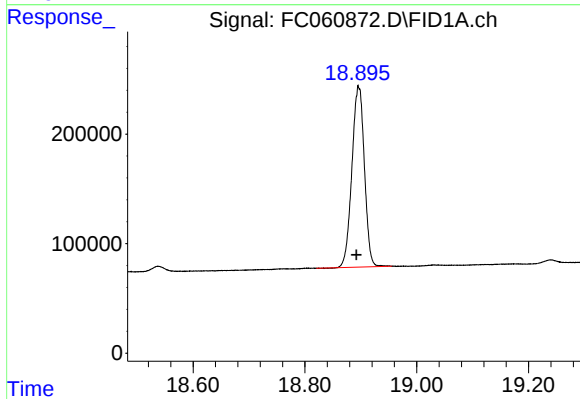
#18 n-Dotriacontane (C32)

R.T.: 17.410 min
Delta R.T.: 0.003 min
Response: 2652784
Conc: 19.66 ug/ml



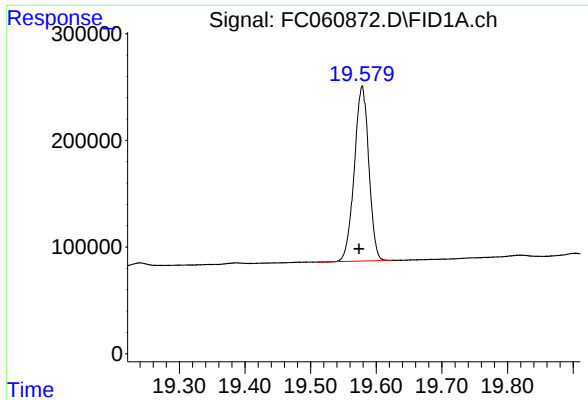
#19 n-Tetratriacontane (C34)

R.T.: 18.175 min
Delta R.T.: 0.005 min
Response: 2551671
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: 0.004 min
Response: 2560173
Conc: 20.94 ug/ml



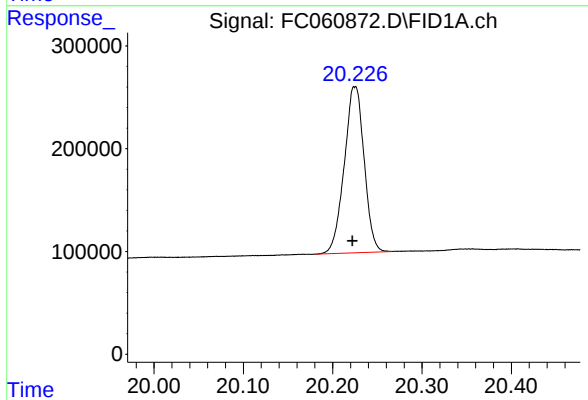
#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: 0.005 min
Response: 2511860
Conc: 21.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: 0.004 min
Response: 2501770
Conc: 21.74 ug/ml m