

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072922AL\
 Data File : FC060893.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2022 10:02
 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 22:59:58 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)	10.632	3341253	20.360 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	11.998	2671976	20.127 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	2.624	3084997	21.904 ug/ml
2) T n-Decane (C10)	3.619	3151462	22.340 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3235043	22.759 ug/ml
4) T n-Dodecane (C12)	5.566	3277362	22.112 ug/ml
5) T A~2-methylnaphthalene...	6.183	3127716	22.805 ug/ml
6) T n-Tetradecane (C14)	7.316	3288877	21.906 ug/ml
7) T n-Hexadecane (C16)	8.877	3310759	21.634 ug/ml
8) T n-Octadecane (C18)	10.284	3295220	21.102 ug/ml
10) T n-Eicosane (C20)	11.562	3221792	20.530 ug/ml
11) T n-Heneicosane (C21)	12.160	3172155	20.273 ug/ml
13) T n-Docosane (C22)	12.732	3113854	19.971 ug/ml
14) T n-Tetracosane (C24)	13.808	2972082	19.467 ug/ml
15) T n-Hexacosane (C26)	14.805	2843739	19.051 ug/ml
16) T n-Octacosane (C28)	15.731	2744053	19.150 ug/ml
17) T n-Tricontane (C30)	16.599	2804580	20.032 ug/ml
18) T n-Dotriacontane (C32)	17.411	2838046	21.029 ug/ml
19) T n-Tetratriacontane (C34)	18.174	2714141	21.641 ug/ml
20) T n-Hexatriacontane (C36)	18.895	2680127	21.926 ug/mlm
21) T n-Octatriacontane (C38)	19.578	2616346	22.168 ug/mlm
22) T n-Tetracontane (C40)	20.221	2565403	22.289 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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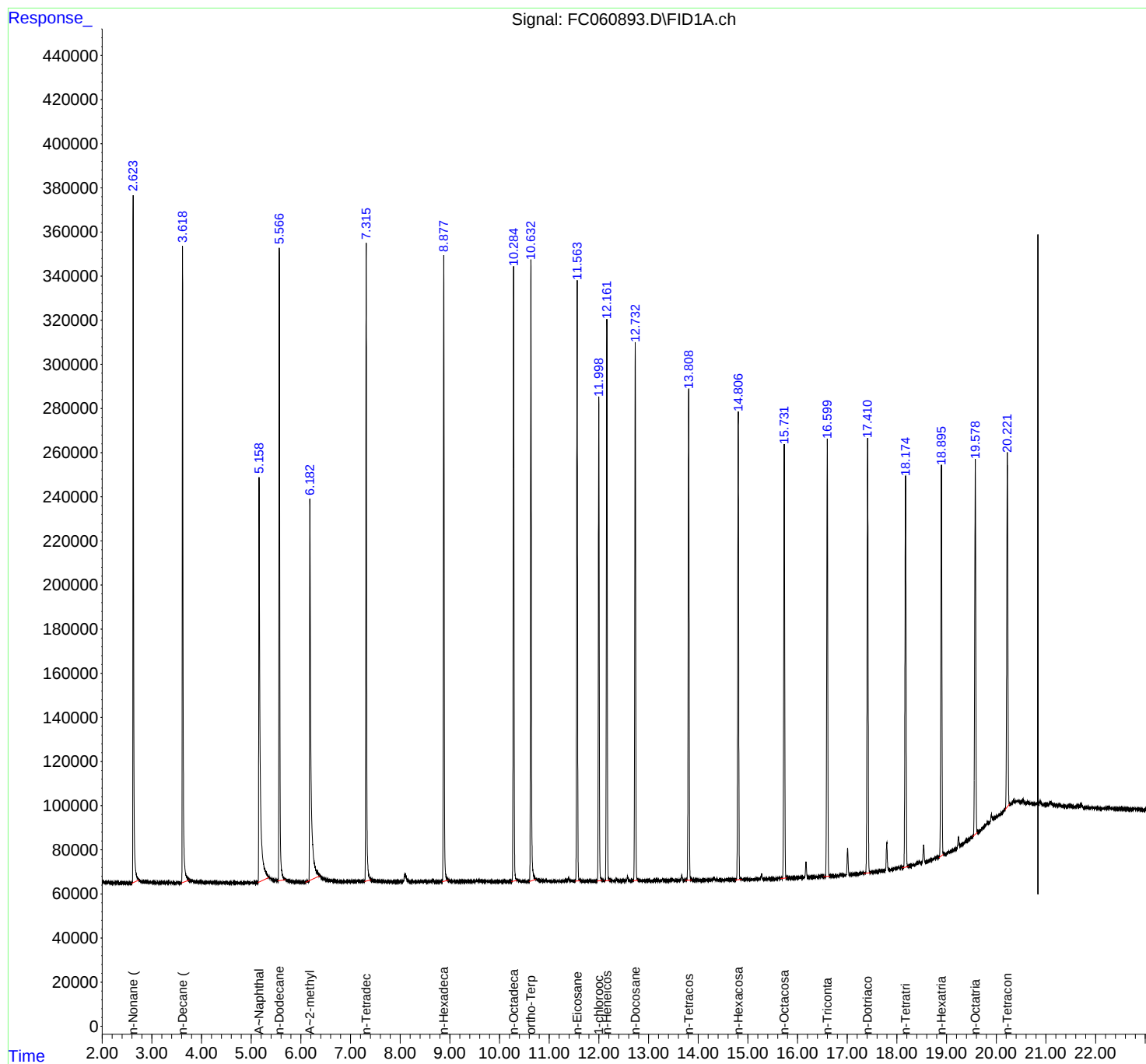
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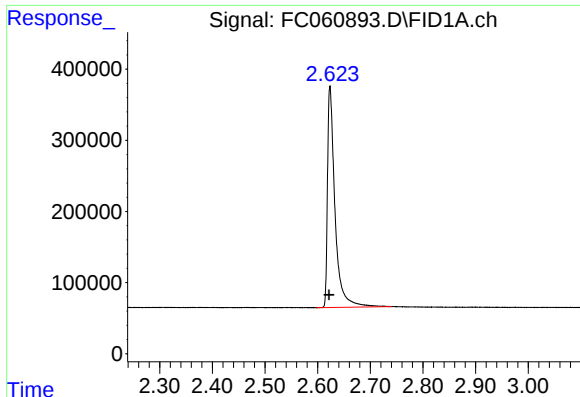
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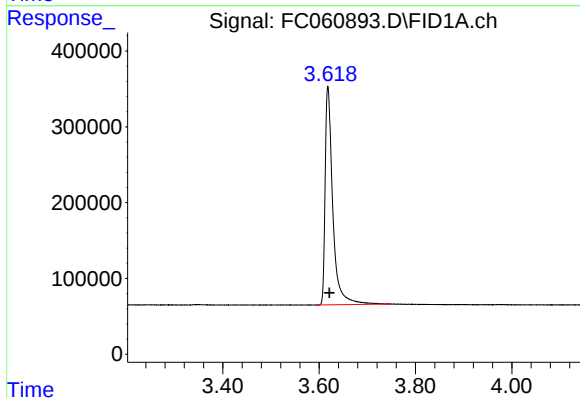
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: 0.002 min
Response: 3084997
Conc: 21.90 ug/ml

Instrument :
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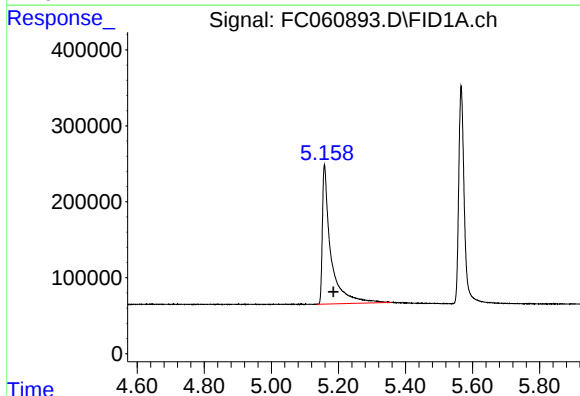
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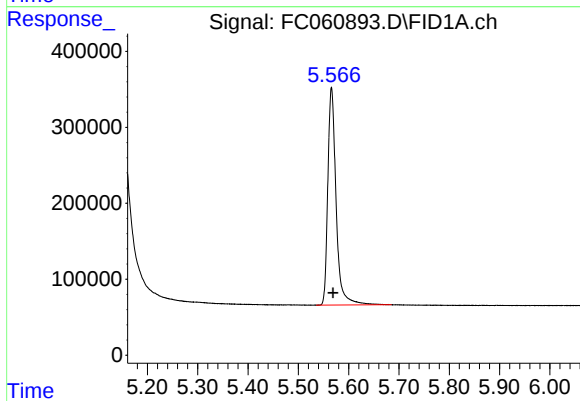
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 3151462
Conc: 22.34 ug/ml



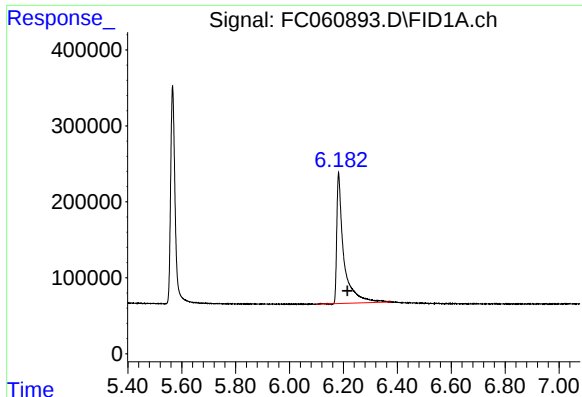
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.025 min
Response: 3235043
Conc: 22.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 3277362
Conc: 22.11 ug/ml



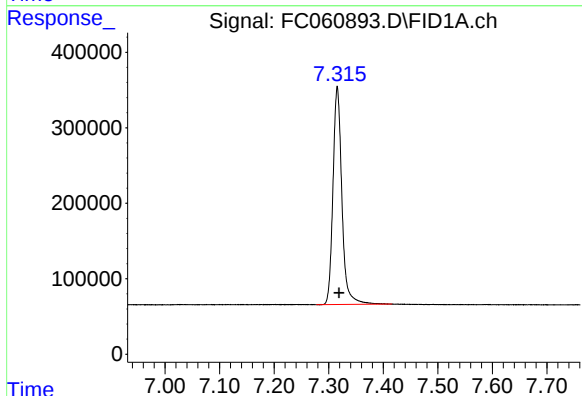
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.032 min
Response: 3127716
Conc: 22.80 ug/ml

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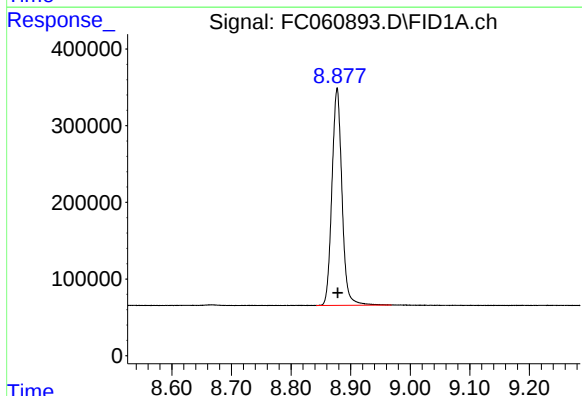
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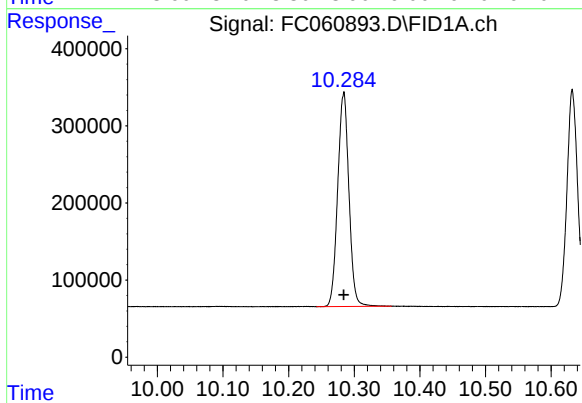
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 3288877
Conc: 21.91 ug/ml



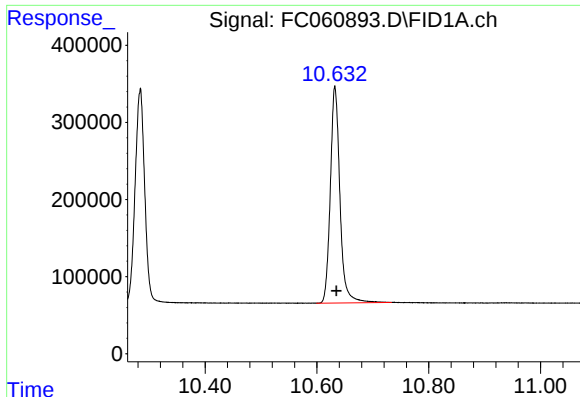
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.001 min
Response: 3310759
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 3295220
Conc: 21.10 ug/ml



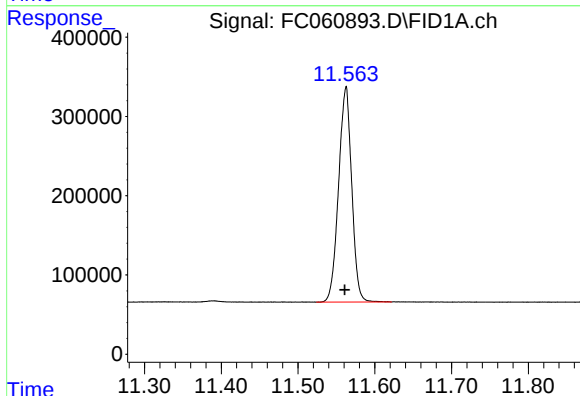
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.002 min
Response: 3341253
Conc: 20.36 ug/ml

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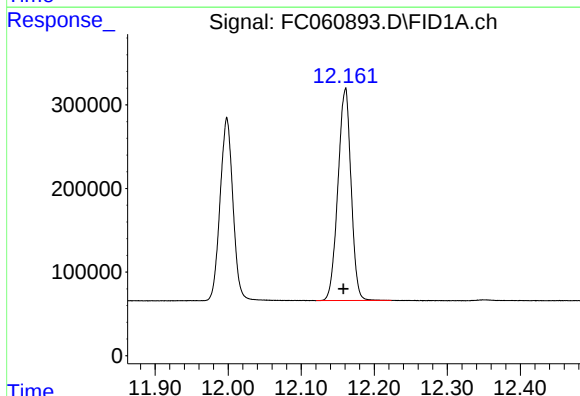
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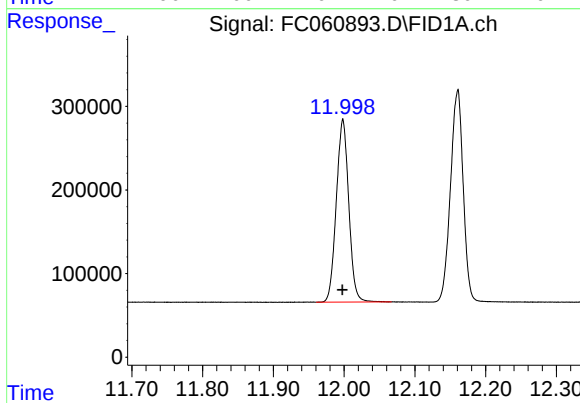
#10 n-Eicosane (C20)

R.T.: 11.562 min
Delta R.T.: 0.001 min
Response: 3221792
Conc: 20.53 ug/ml



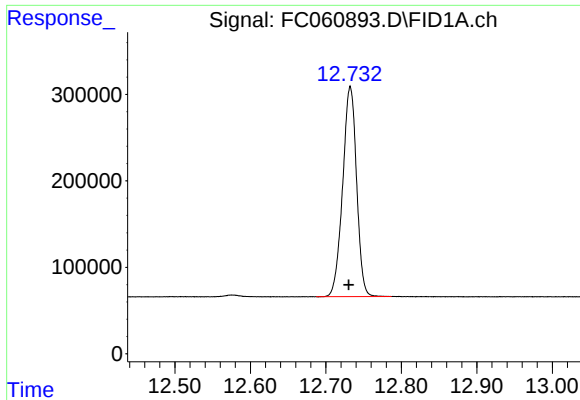
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 3172155
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 2671976
Conc: 20.13 ug/ml



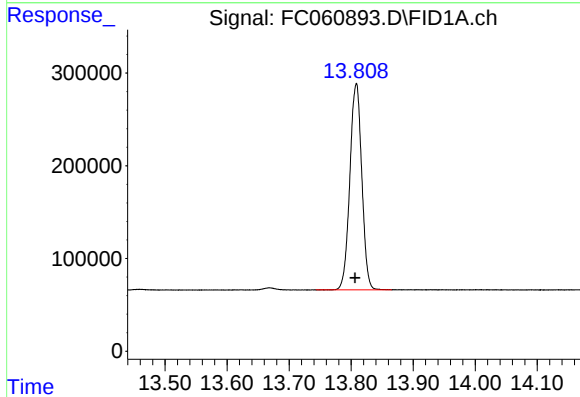
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 3113854
Conc: 19.97 ug/ml

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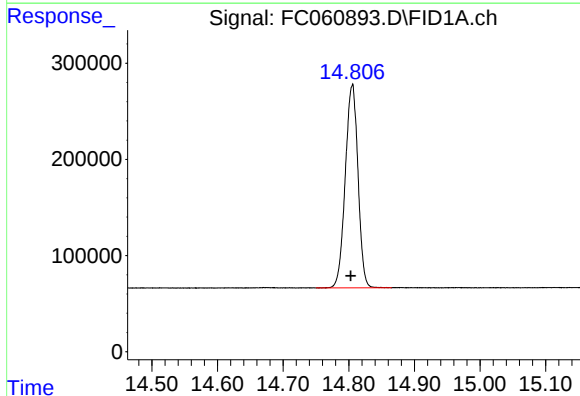
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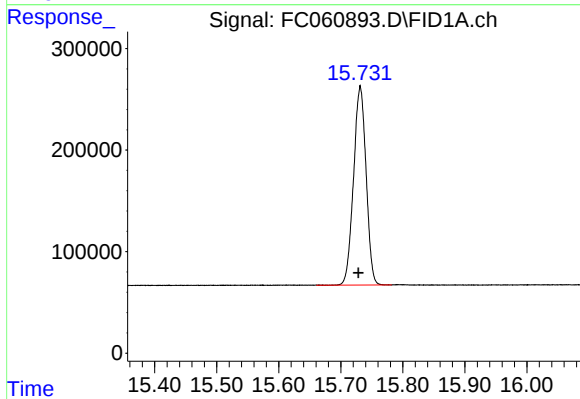
#14 n-Tetracosane (C24)

R.T.: 13.808 min
Delta R.T.: 0.002 min
Response: 2972082
Conc: 19.47 ug/ml



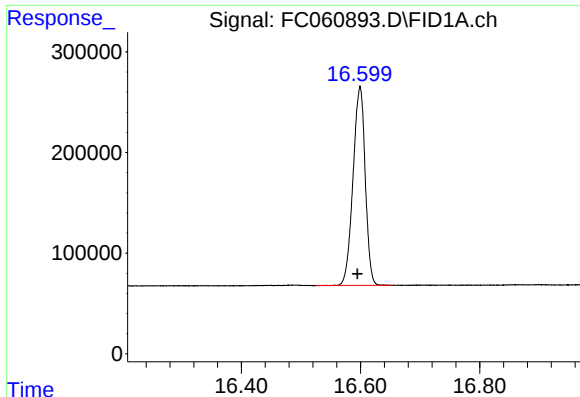
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: 0.002 min
Response: 2843739
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.731 min
Delta R.T.: 0.003 min
Response: 2744053
Conc: 19.15 ug/ml



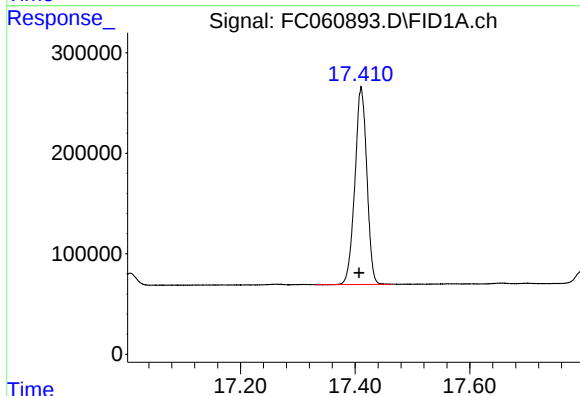
#17 n-Tricontane (C30)

R.T.: 16.599 min
Delta R.T.: 0.005 min
Response: 2804580
Conc: 20.03 ug/ml

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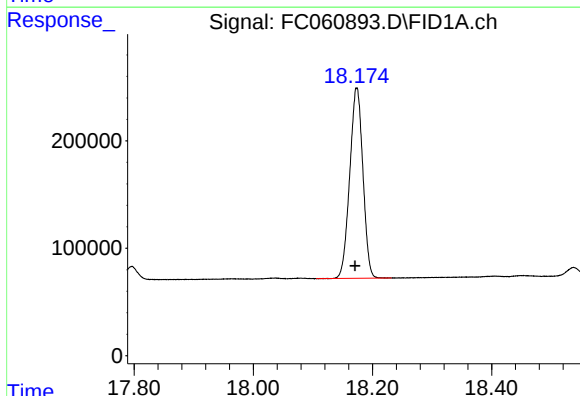
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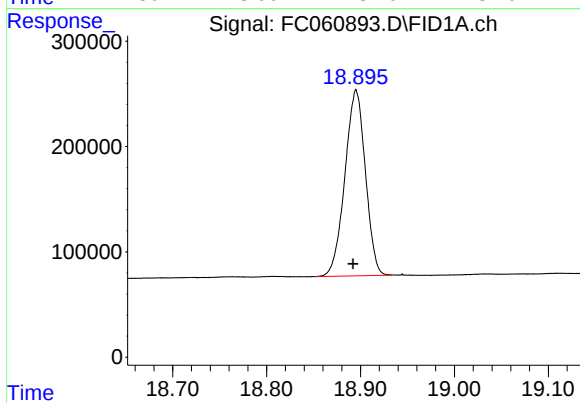
#18 n-Dotriacontane (C32)

R.T.: 17.411 min
Delta R.T.: 0.004 min
Response: 2838046
Conc: 21.03 ug/ml



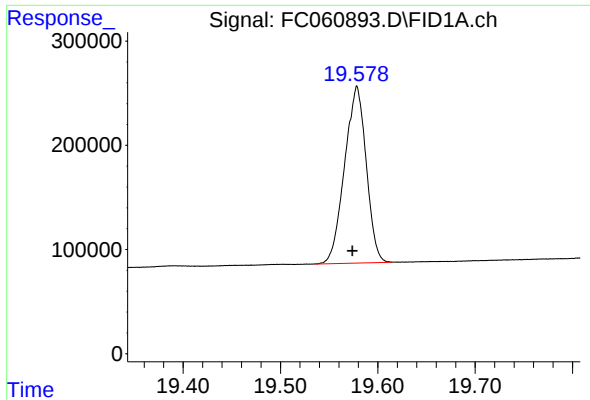
#19 n-Tetratriacontane (C34)

R.T.: 18.174 min
Delta R.T.: 0.003 min
Response: 2714141
Conc: 21.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.895 min
Delta R.T.: 0.003 min
Response: 2680127
Conc: 21.93 ug/ml m



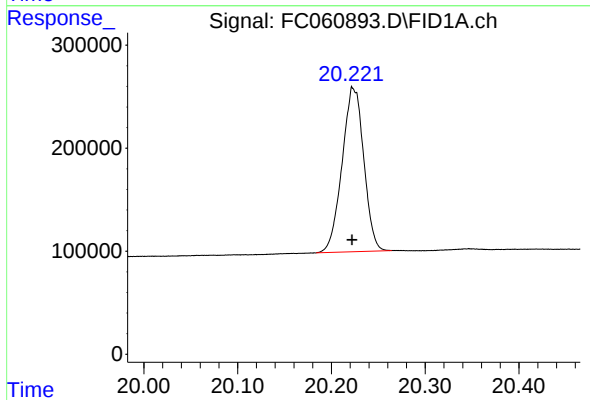
#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: 0.004 min
Response: 2616346
Conc: 22.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.221 min
Delta R.T.: 0.000 min
Response: 2565403
Conc: 22.29 ug/ml m