

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072822AL\
 Data File : FC060891.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2022 02:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 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 29 03:32:03 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	3419058	20.834 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	11.999	2731592	20.576 ug/ml
Spiked Amount 50.000		Recovery =	41.15%
Target Compounds			
1) T n-Nonane (C9)	2.624	3224541	22.895 ug/ml
2) T n-Decane (C10)	3.619	3256479	23.085 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3411759	24.002 ug/ml
4) T n-Dodecane (C12)	5.566	3389805	22.871 ug/ml
5) T A~2-methylnaphthalene...	6.183	3253845	23.725 ug/ml
6) T n-Tetradecane (C14)	7.316	3390027	22.580 ug/ml
7) T n-Hexadecane (C16)	8.878	3400466	22.220 ug/ml
8) T n-Octadecane (C18)	10.285	3386109	21.684 ug/ml
10) T n-Eicosane (C20)	11.563	3312689	21.109 ug/ml
11) T n-Heneicosane (C21)	12.161	3239786	20.706 ug/ml
13) T n-Docosane (C22)	12.733	3265884	20.946 ug/ml
14) T n-Tetracosane (C24)	13.810	3146904	20.613 ug/ml
15) T n-Hexacosane (C26)	14.806	3030228	20.300 ug/ml
16) T n-Octacosane (C28)	15.734	2960239	20.659 ug/ml
17) T n-Tricontane (C30)	16.600	3003809	21.455 ug/ml
18) T n-Dotriacontane (C32)	17.413	3010731	22.308 ug/ml
19) T n-Tetratriacontane (C34)	18.176	2825243	22.527 ug/ml
20) T n-Hexatriacontane (C36)	18.898	2774422	22.697 ug/mlm
21) T n-Octatriacontane (C38)	19.578	2702770	22.900 ug/mlm
22) T n-Tetracontane (C40)	20.224	2641708	22.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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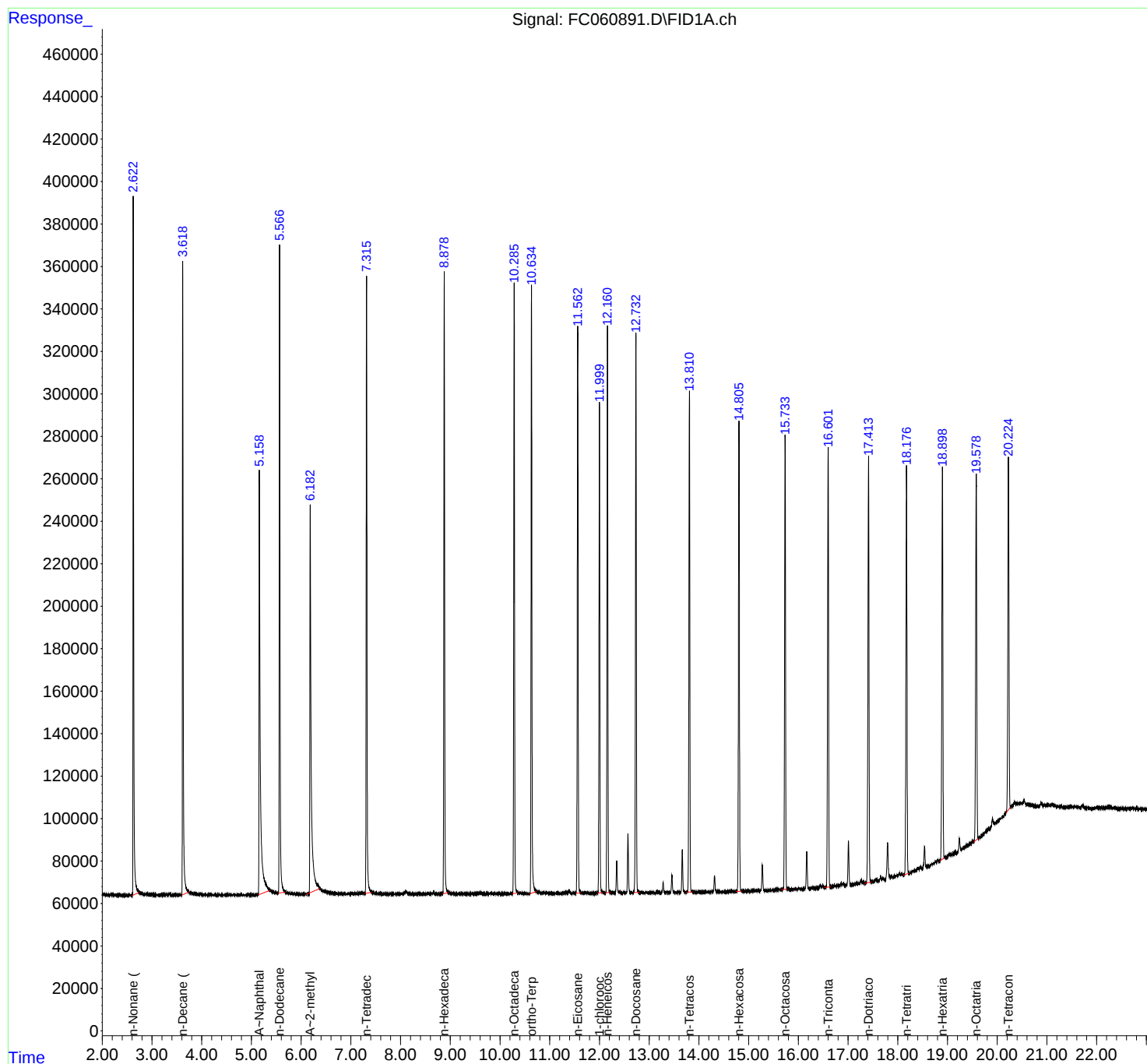
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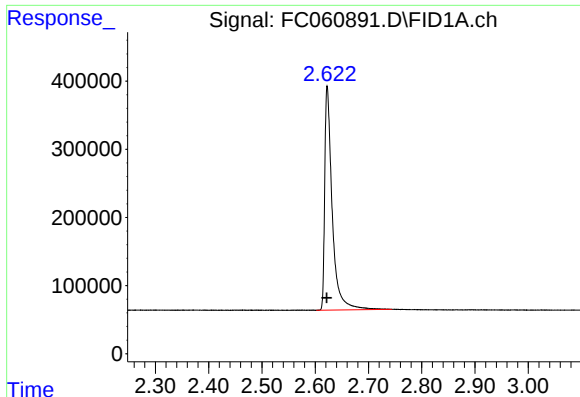
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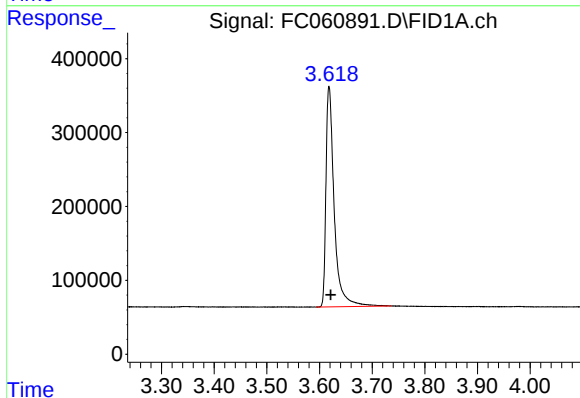
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: 0.002 min
Response: 3224541
Conc: 22.90 ug/ml

Instrument :
FID_C
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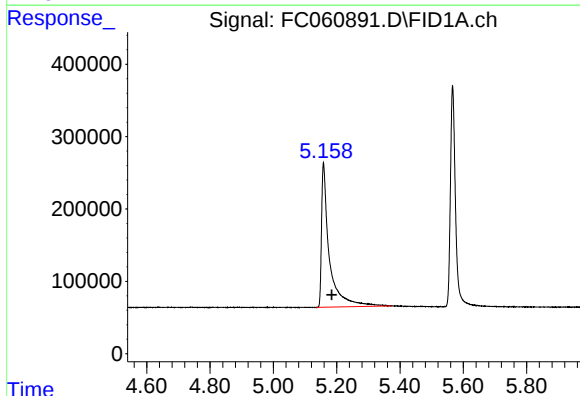
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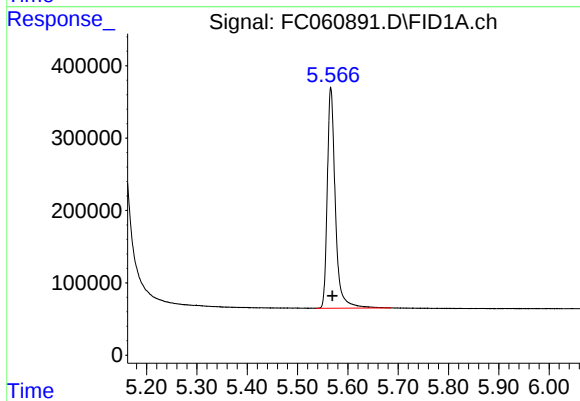
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.003 min
Response: 3256479
Conc: 23.08 ug/ml



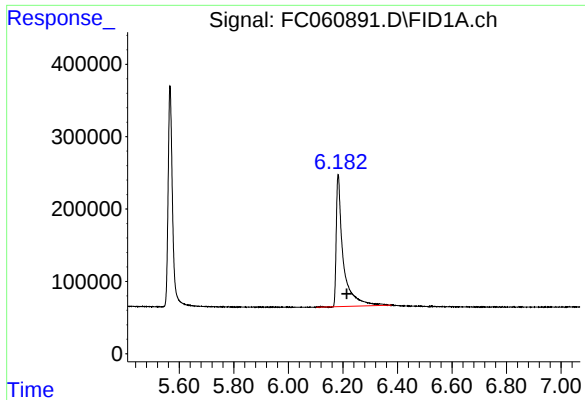
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.026 min
Response: 3411759
Conc: 24.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 3389805
Conc: 22.87 ug/ml



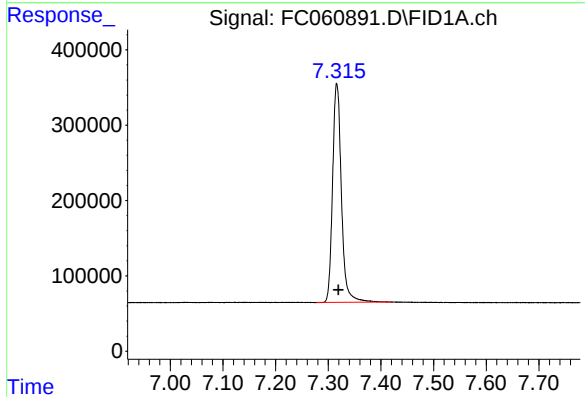
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.032 min
Response: 3253845
Conc: 23.72 ug/ml

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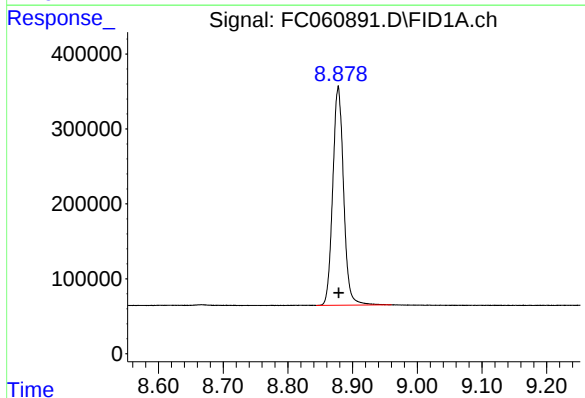
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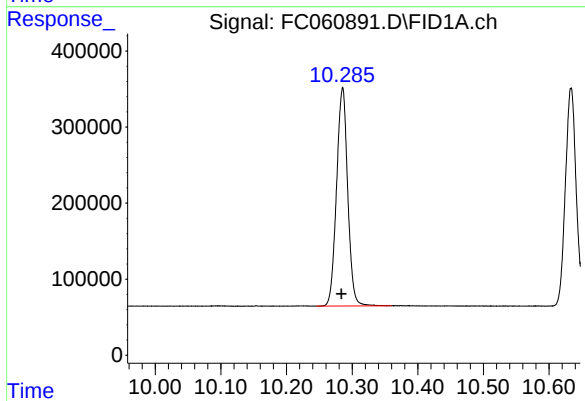
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 3390027
Conc: 22.58 ug/ml



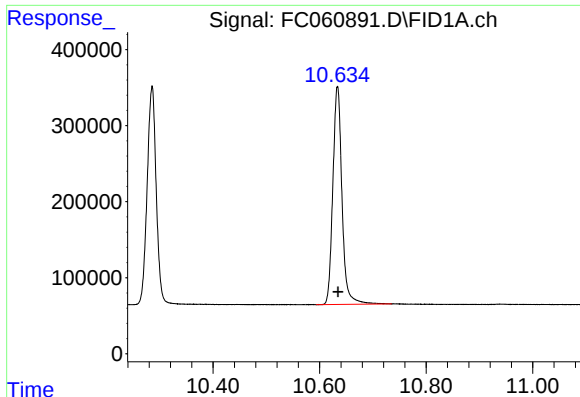
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 3400466
Conc: 22.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.001 min
Response: 3386109
Conc: 21.68 ug/ml



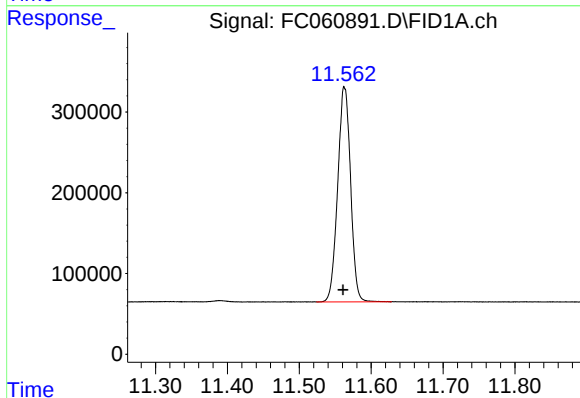
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 3419058
Conc: 20.83 ug/ml

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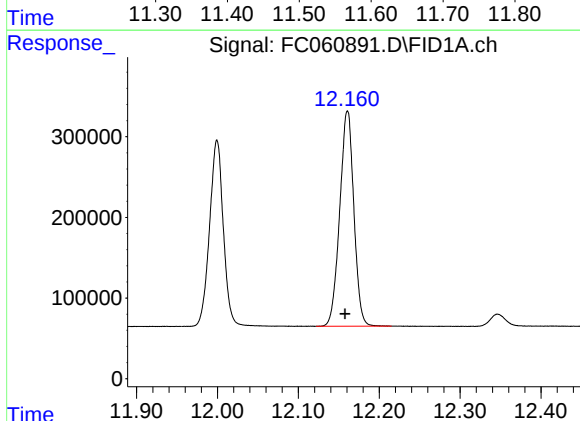
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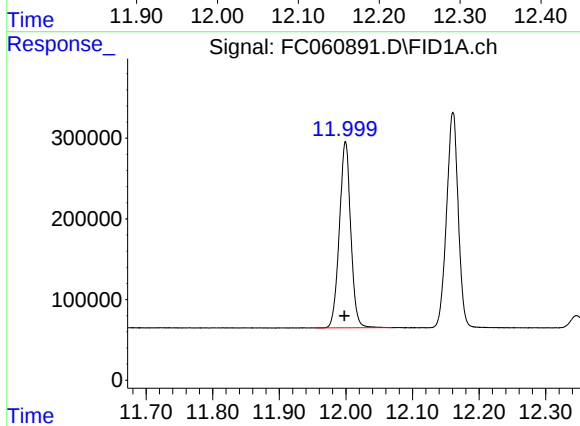
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 3312689
Conc: 21.11 ug/ml



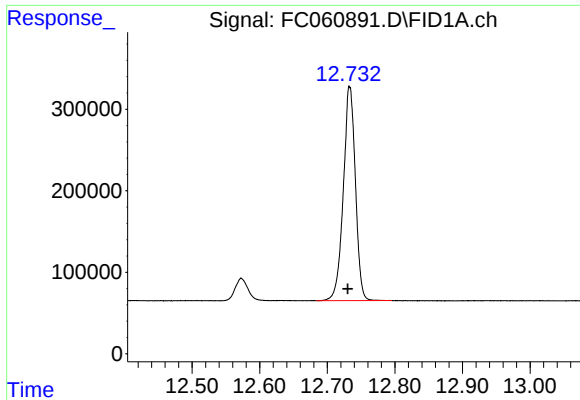
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 3239786
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.999 min
Delta R.T.: 0.002 min
Response: 2731592
Conc: 20.58 ug/ml



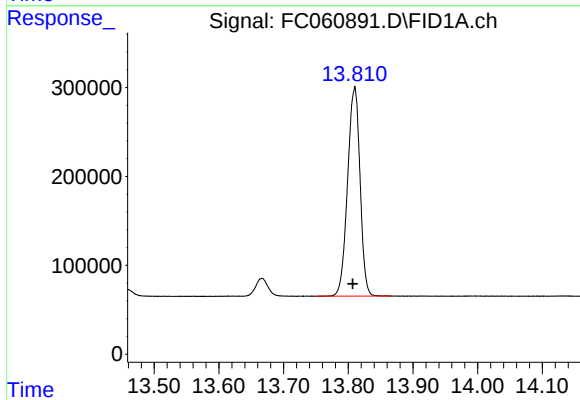
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: 0.003 min
Response: 3265884
Conc: 20.95 ug/ml

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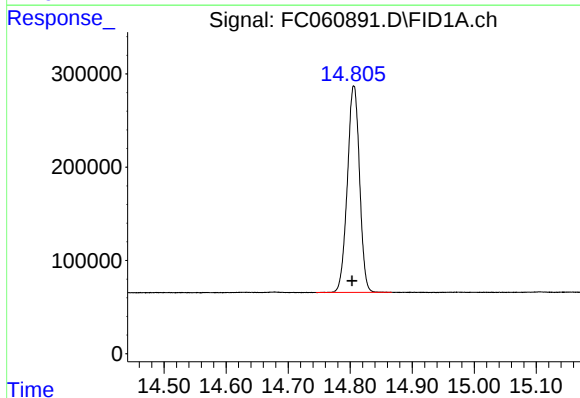
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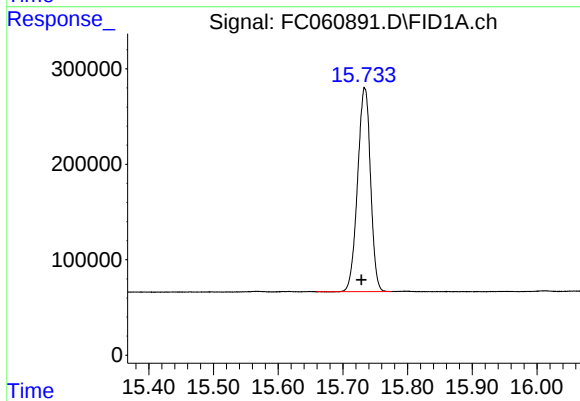
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: 0.003 min
Response: 3146904
Conc: 20.61 ug/ml



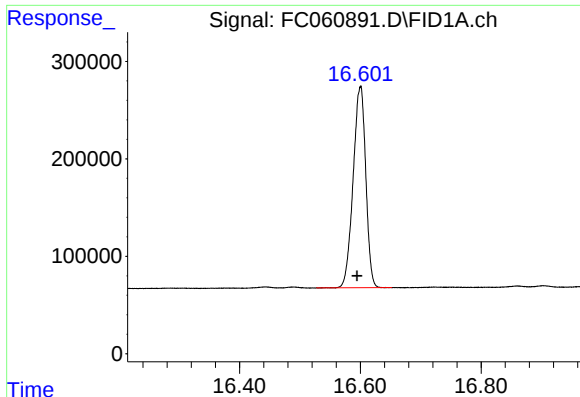
#15 n-Hexacosane (C26)

R.T.: 14.806 min
Delta R.T.: 0.003 min
Response: 3030228
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: 0.005 min
Response: 2960239
Conc: 20.66 ug/ml



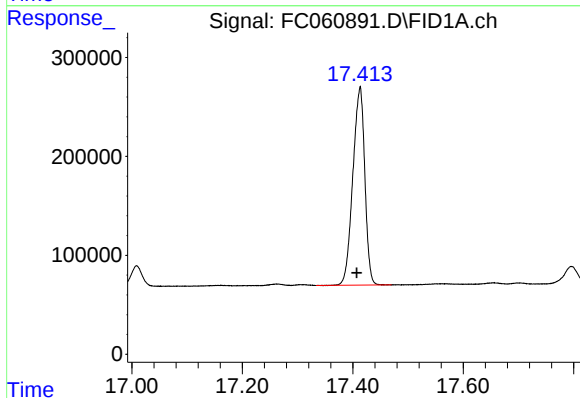
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: 0.005 min
Response: 3003809
Conc: 21.46 ug/ml

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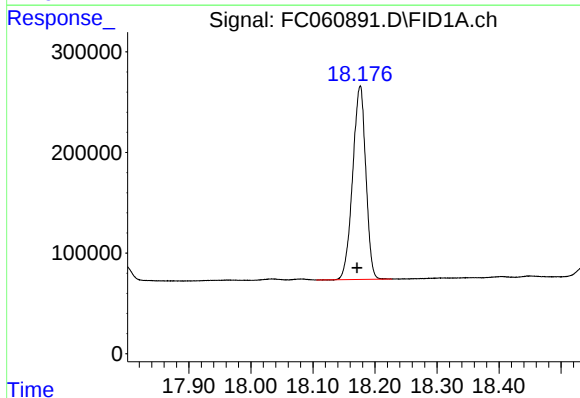
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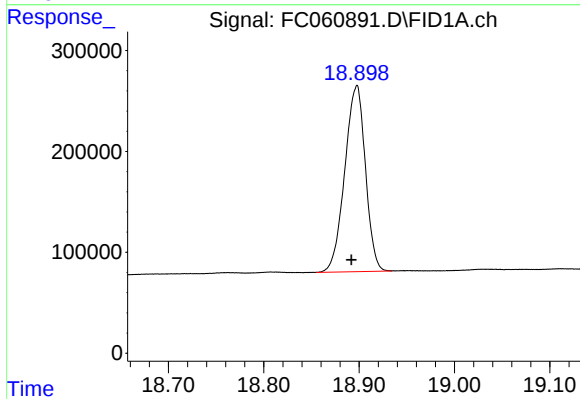
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: 0.006 min
Response: 3010731
Conc: 22.31 ug/ml



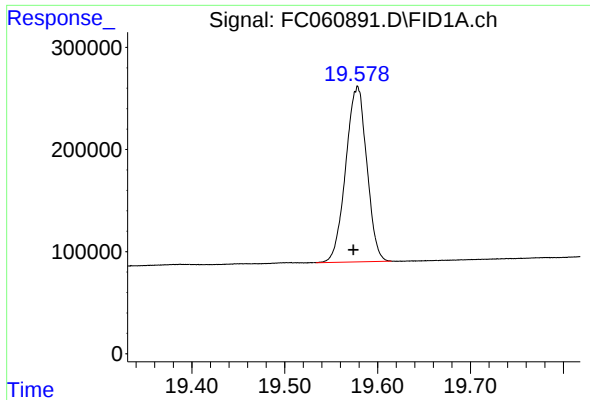
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: 0.005 min
Response: 2825243
Conc: 22.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.898 min
Delta R.T.: 0.006 min
Response: 2774422
Conc: 22.70 ug/ml m



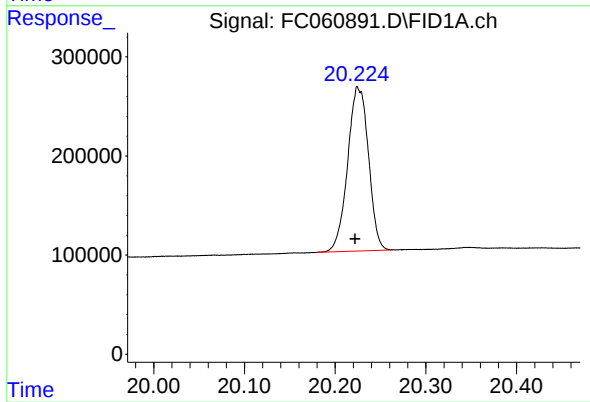
#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: 0.004 min
Response: 2702770
Conc: 22.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.224 min
Delta R.T.: 0.002 min
Response: 2641708
Conc: 22.95 ug/ml m