

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061923AL\
 Data File : FC063891.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 19:39
 Operator : YP/AJ
 Sample : 03302-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File: autoint1.e
 Quant Time: Jun 20 00:50:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.526	3315075	18.166 ug/ml
Spiked Amount 50.000		Recovery =	36.33%
12) S 1-chlorooctadecane (S...	12.961	3328724	26.052 ug/ml
Spiked Amount 50.000		Recovery =	52.10%
Target Compounds			
1) T n-Nonane (C9)	3.314	5227795	32.800 ug/ml
2) T n-Decane (C10)	4.374	5998273	37.107 ug/ml
3) T A~Naphthalene (C11.7)	5.952	6500978	37.421 ug/ml
4) T n-Dodecane (C12)	6.386	6352324	38.849 ug/ml
5) T A~2-methylnaphthalene...	7.008	6355373	38.794 ug/ml
6) T n-Tetradecane (C14)	8.179	6414219	40.784 ug/ml
7) T n-Hexadecane (C16)	9.776	6929765	43.545 ug/ml
8) T n-Octadecane (C18)	11.215	7013393	44.325 ug/ml
10) T n-Eicosane (C20)	12.522	6902393	46.672 ug/ml
11) T n-Heneicosane (C21)	13.131	6562900	45.593 ug/ml
13) T n-Docosane (C22)	13.715	6447746	45.770 ug/ml
14) T n-Tetracosane (C24)	14.800	12393355	90.318 ug/mlm
15) T n-Hexacosane (C26)	15.833	6101490	46.017 ug/ml
16) T n-Octacosane (C28)	16.778	5889915	46.386 ug/ml
17) T n-Tricontane (C30)	17.666	6006215	47.010 ug/ml
18) T n-Dotriacontane (C32)	18.494	5928341	47.643 ug/ml
19) T n-Tetratriacontane (C34)	19.275	5897490	47.831 ug/ml
20) T n-Hexatriacontane (C36)	20.012	5723782	47.689 ug/ml
21) T n-Octatriacontane (C38)	20.737	5807248	48.100 ug/ml
22) T n-Tetracontane (C40)	21.626	5786655	47.757 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 23 Sample Multiplier: 1

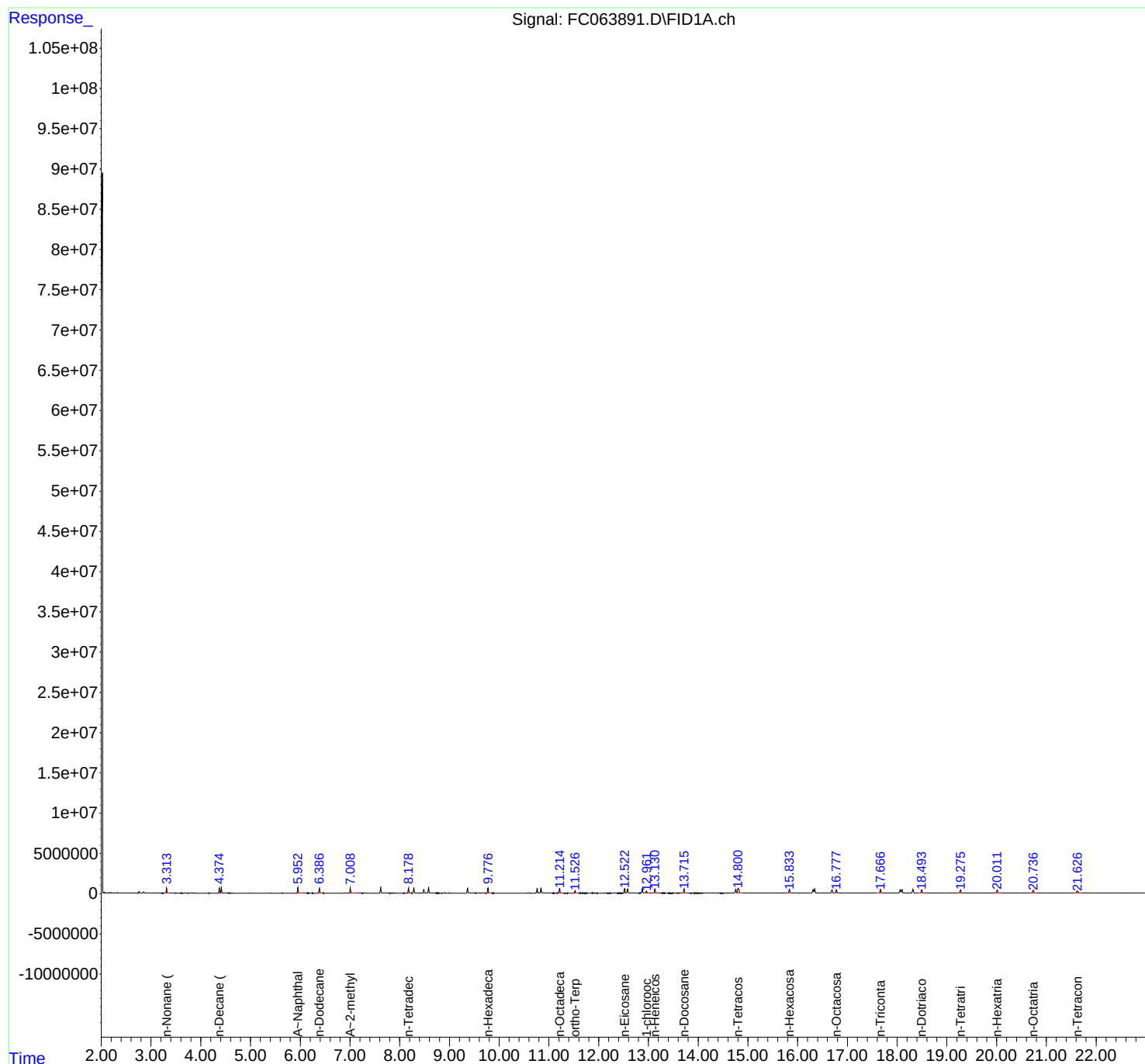
Instrument :
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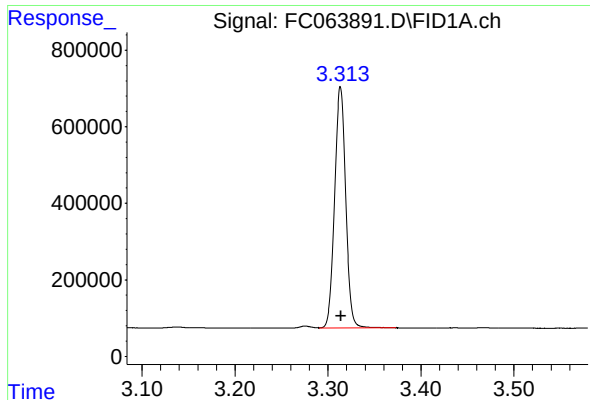
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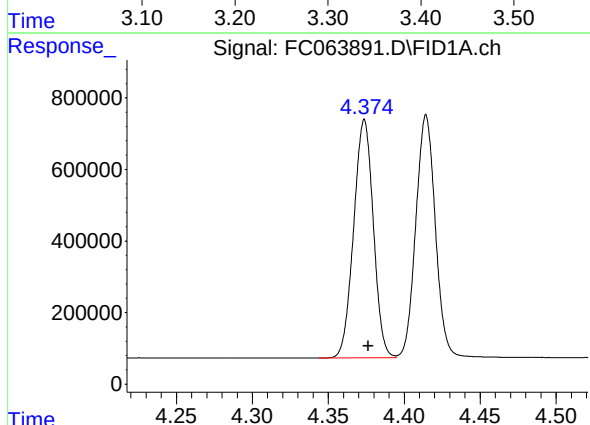
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 5227795
Conc: 32.80 ug/ml

Instrument :
FID_C
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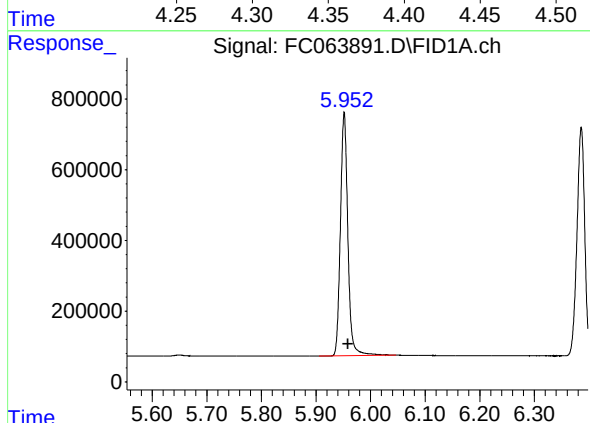
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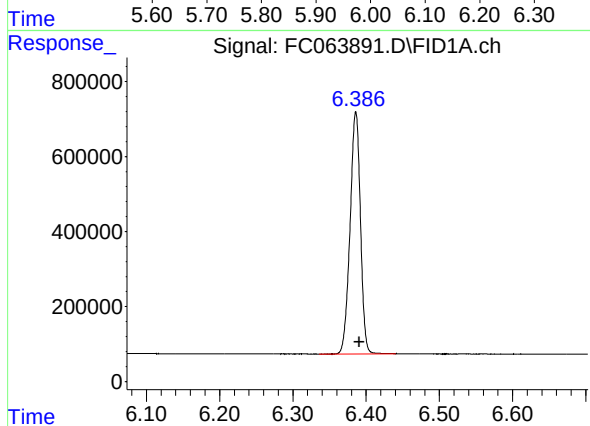
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 5998273
Conc: 37.11 ug/ml



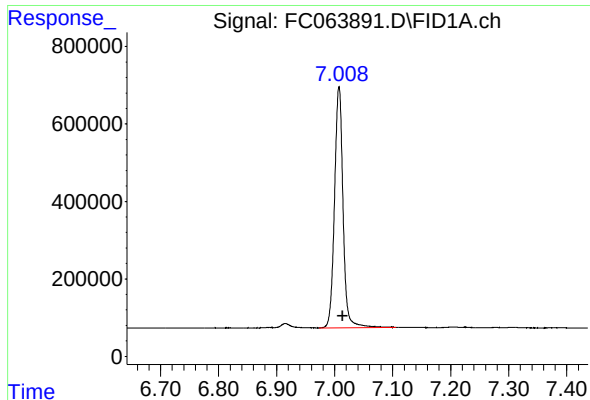
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 6500978
Conc: 37.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 6352324
Conc: 38.85 ug/ml



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

R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 6355373
Conc: 38.79 ug/ml

Instrument :

FID_C

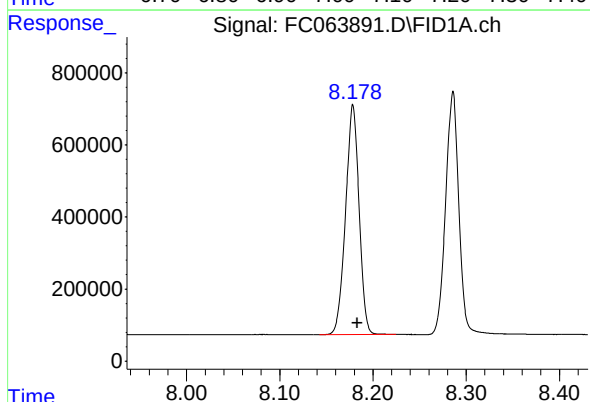
ClientSampleId :

SB-4MSD

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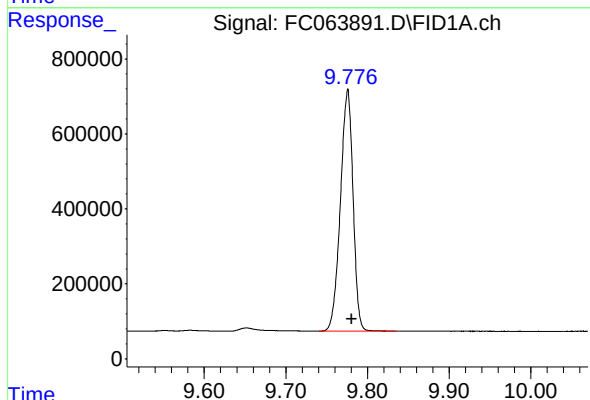
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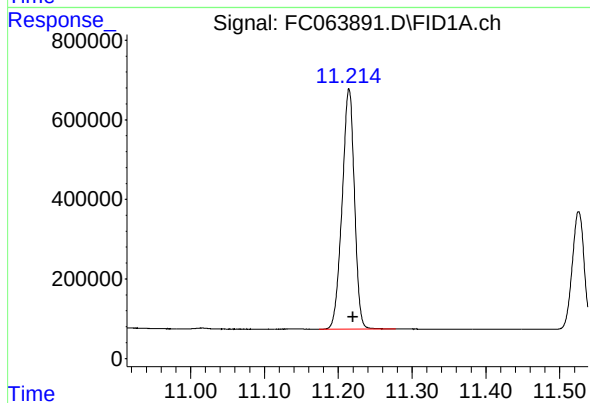
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.004 min
Response: 6414219
Conc: 40.78 ug/ml



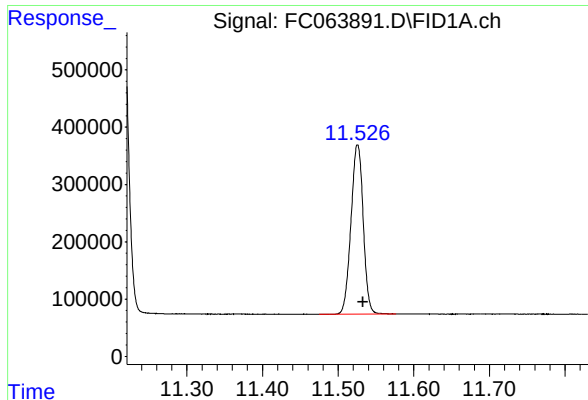
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 6929765
Conc: 43.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.005 min
Response: 7013393
Conc: 44.32 ug/ml



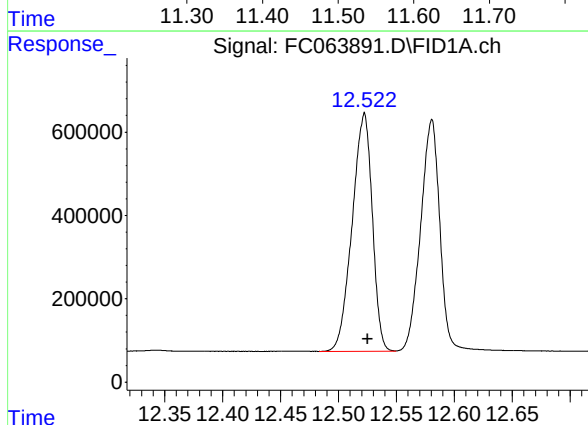
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.007 min
Response: 3315075
Conc: 18.17 ug/ml

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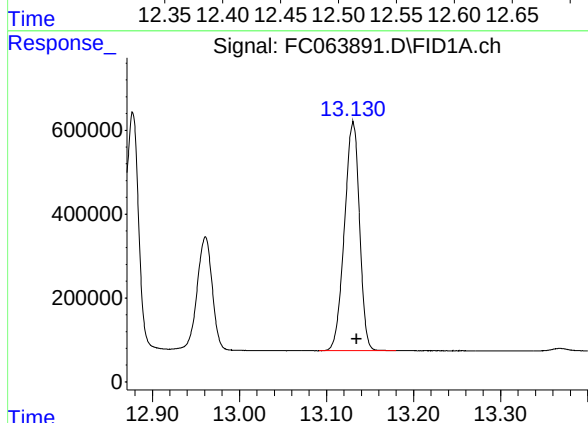
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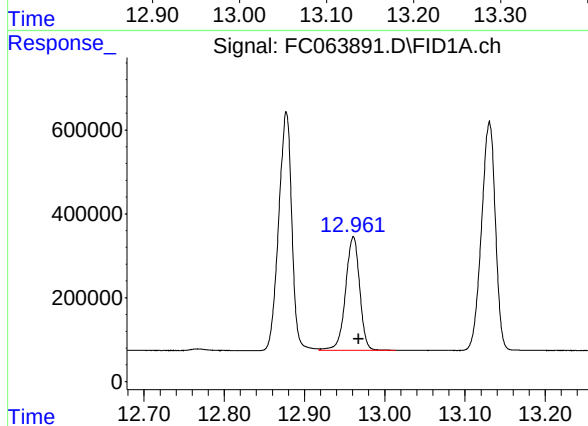
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.003 min
Response: 6902393
Conc: 46.67 ug/ml



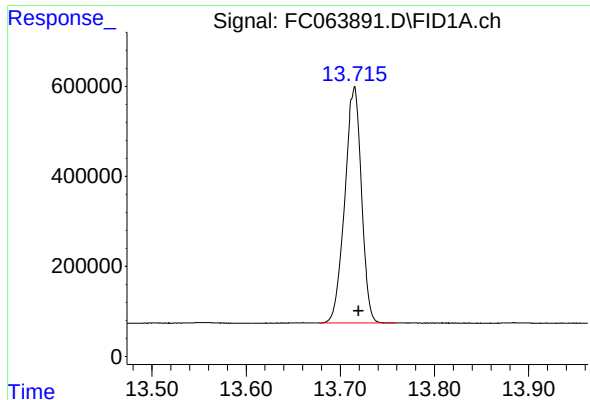
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.004 min
Response: 6562900
Conc: 45.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.007 min
Response: 3328724
Conc: 26.05 ug/ml



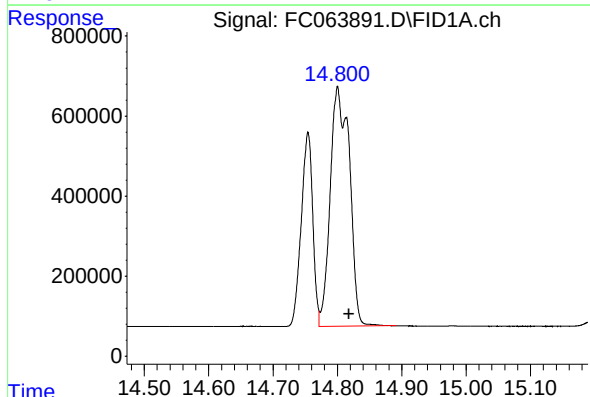
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.005 min
Response: 6447746
Conc: 45.77 ug/ml

Instrument :
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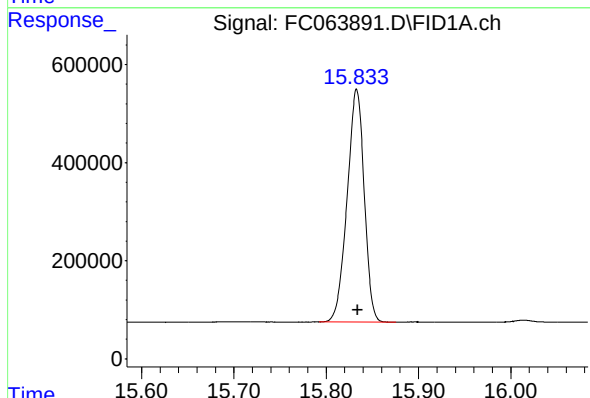
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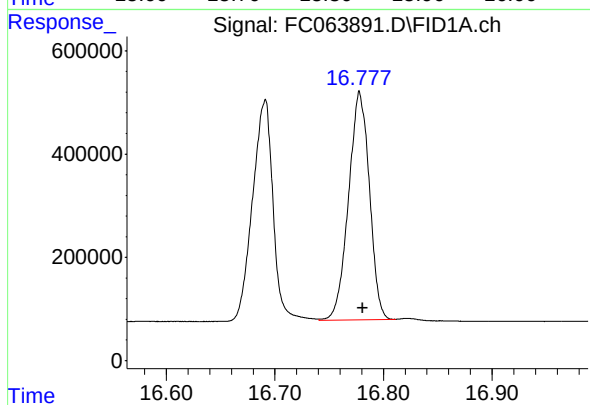
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.018 min
Response: 12393355
Conc: 90.32 ug/ml m



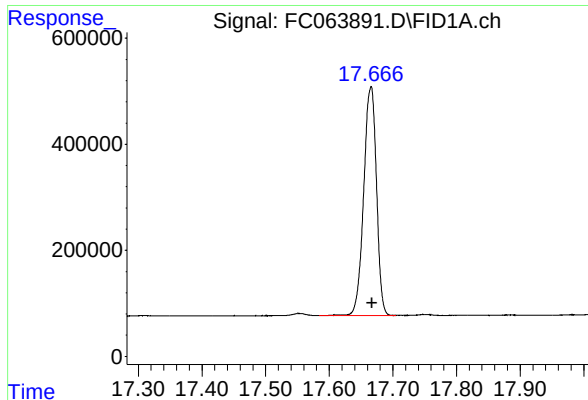
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.001 min
Response: 6101490
Conc: 46.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 5889915
Conc: 46.39 ug/ml



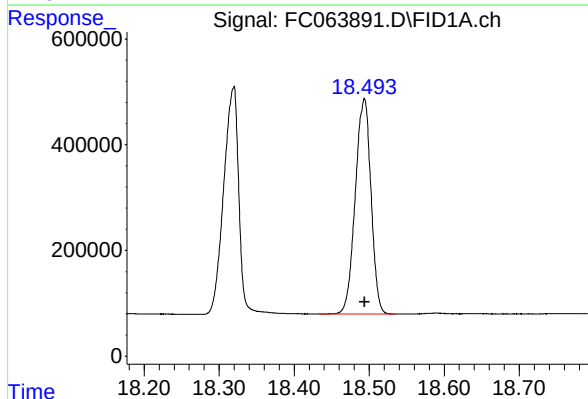
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.001 min
Response: 6006215
Conc: 47.01 ug/ml

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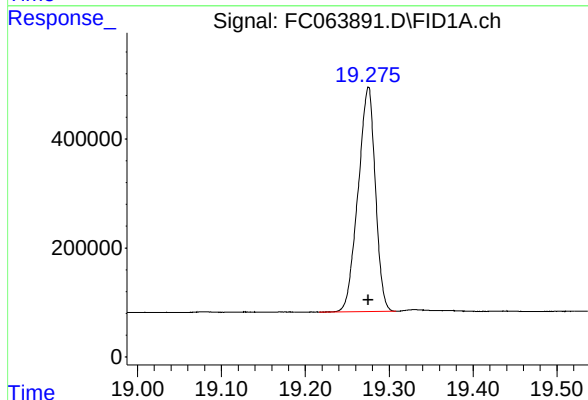
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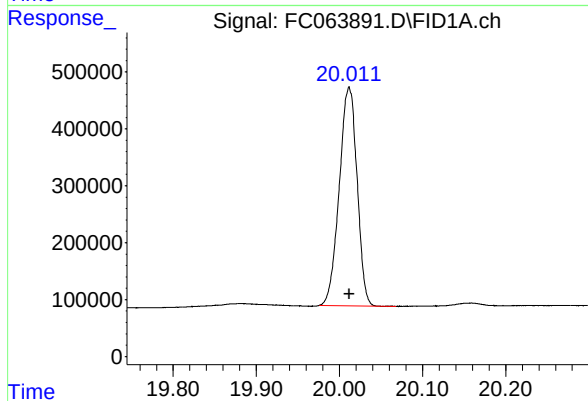
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 5928341
Conc: 47.64 ug/ml



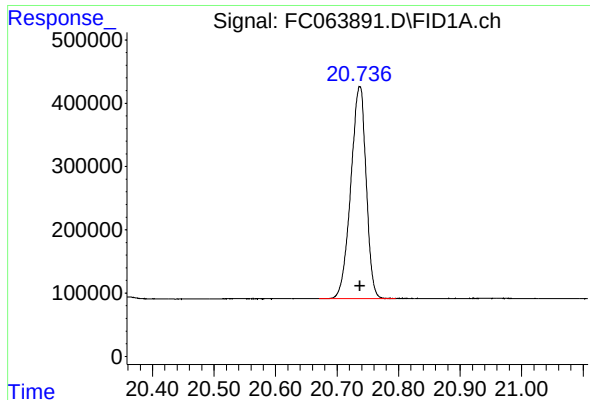
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 5897490
Conc: 47.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 5723782
Conc: 47.69 ug/ml



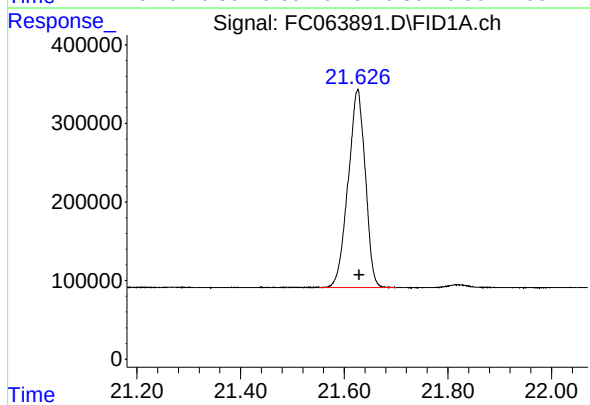
#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 5807248
Conc: 48.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: -0.003 min
Response: 5786655
Conc: 47.76 ug/ml