

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121724AL\
 Data File : FC068014.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2024 14:00
 Operator : YP/AJ
 Sample : PB165681BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165681BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :Ankita Jodhani 12/18/2024

Integration File: autoint1.e
 Quant Time: Dec 18 01:15:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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)	11.469	6504180	37.615 ug/ml
Spiked Amount 50.000		Recovery =	75.23%
12) S 1-chlorooctadecane (S...	12.907	5224873	40.949 ug/ml
Spiked Amount 50.000		Recovery =	81.90%
Target Compounds			
1) T n-Nonane (C9)	3.260	6205591	39.941 ug/ml
2) T n-Decane (C10)	4.318	7062474	44.551 ug/ml
3) T A~Naphthalene (C11.7)	5.889	8877768	50.852 ug/ml
4) T n-Dodecane (C12)	6.328	8175228	50.773 ug/ml
5) T A~2-methylnaphthalene...	6.944	8343044	49.794 ug/ml
6) T n-Tetradecane (C14)	8.123	8456951	53.189 ug/ml
7) T n-Hexadecane (C16)	9.720	8340744	51.628 ug/ml
8) T n-Octadecane (C18)	11.160	8263734	51.474 ug/ml
10) T n-Eicosane (C20)	12.467	8177922	54.364 ug/ml
11) T n-Heneicosane (C21)	13.078	7732561	52.921 ug/ml
13) T n-Docosane (C22)	13.663	7604362	53.123 ug/ml
14) T n-Tetracosane (C24)	14.736	14940950	107.529 ug/mlm
15) T n-Hexacosane (C26)	15.786	7118095	53.227 ug/ml
16) T n-Octacosane (C28)	16.732	6992234	53.906 ug/ml
17) T n-Tricontane (C30)	17.621	6892869	53.209 ug/ml
18) T n-Dotriacontane (C32)	18.450	6771853	54.662 ug/ml
19) T n-Tetratriacontane (C34)	19.232	6746964	61.815 ug/ml
20) T n-Hexatriacontane (C36)	19.970	6608143	69.847 ug/ml
21) T n-Octatriacontane (C38)	20.691	6602066	72.981 ug/mlm
22) T n-Tetracontane (C40)	21.568	6621665	75.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165681BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

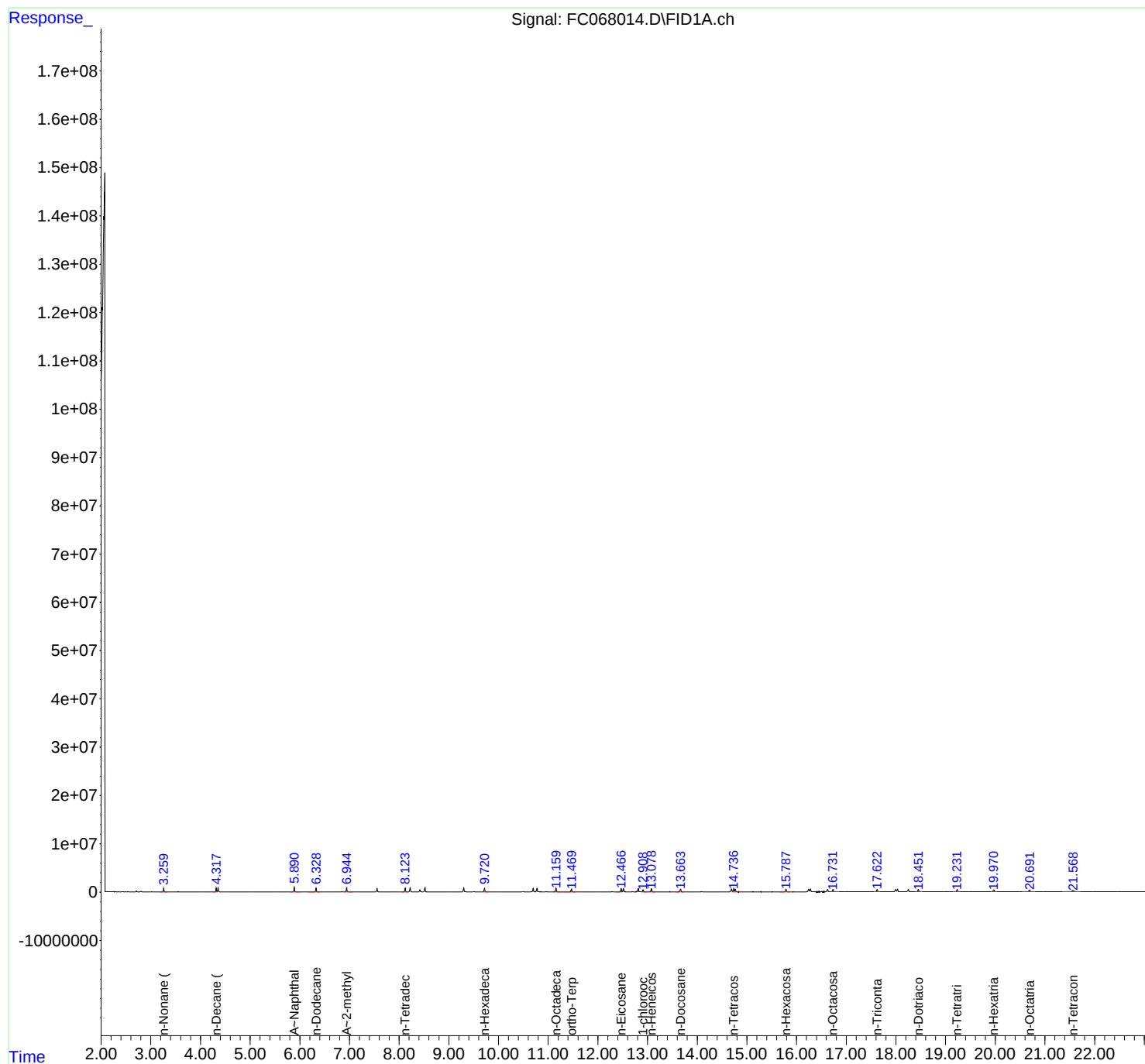
Instrument :
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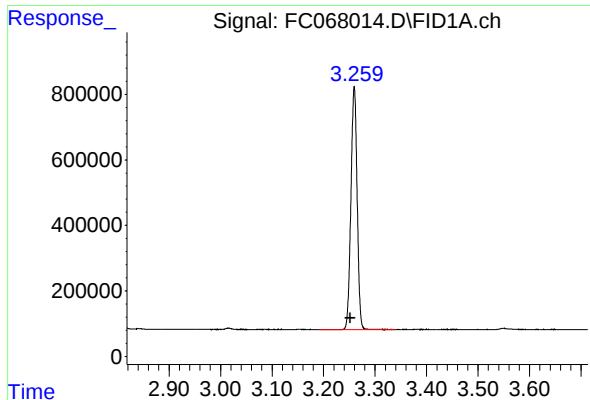
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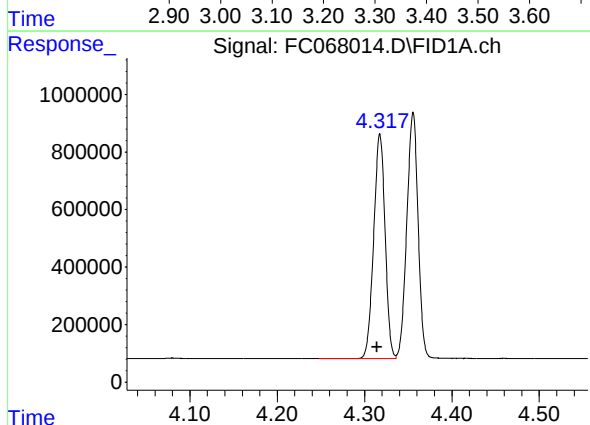
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.008 min
Response: 6205591
Conc: 39.94 ug/ml

Instrument :
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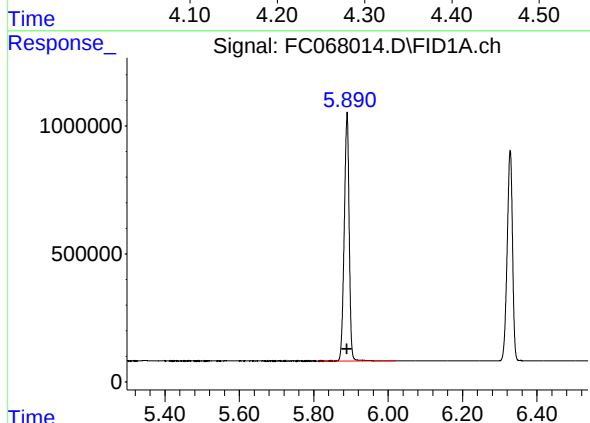
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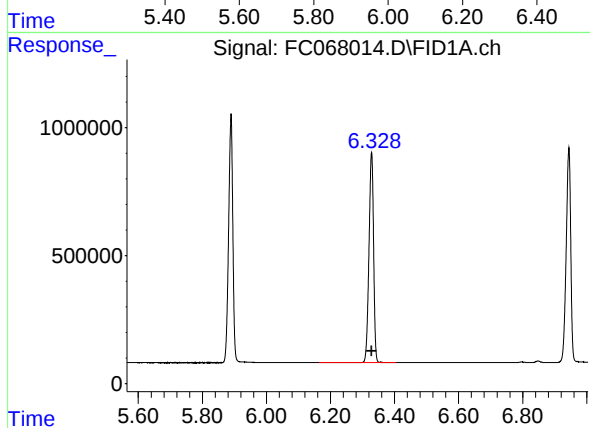
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: 0.003 min
Response: 7062474
Conc: 44.55 ug/ml



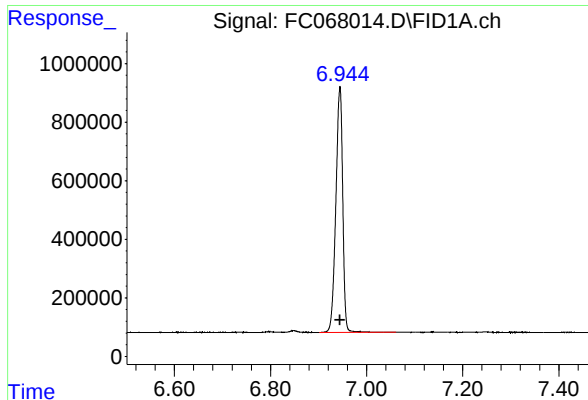
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 8877768
Conc: 50.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 8175228
Conc: 50.77 ug/ml



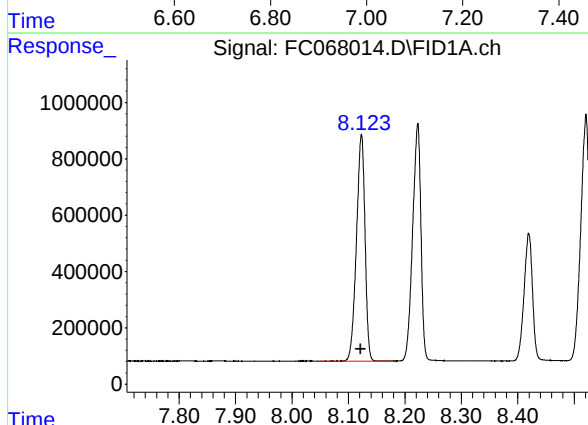
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 8343044
Conc: 49.79 ug/ml

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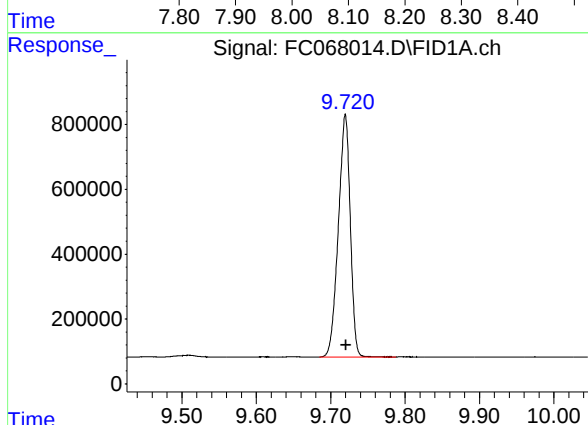
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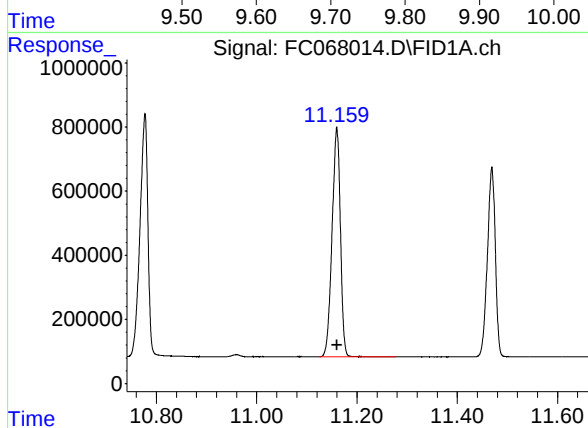
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: 0.001 min
Response: 8456951
Conc: 53.19 ug/ml



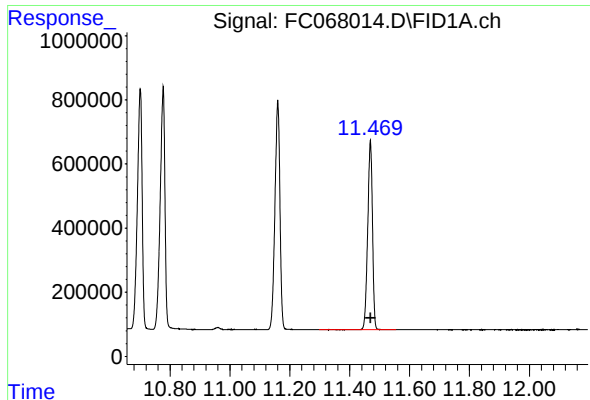
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: 0.000 min
Response: 8340744
Conc: 51.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 8263734
Conc: 51.47 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.001 min
Response: 6504180
Conc: 37.61 ug/ml

Instrument :

FID_C

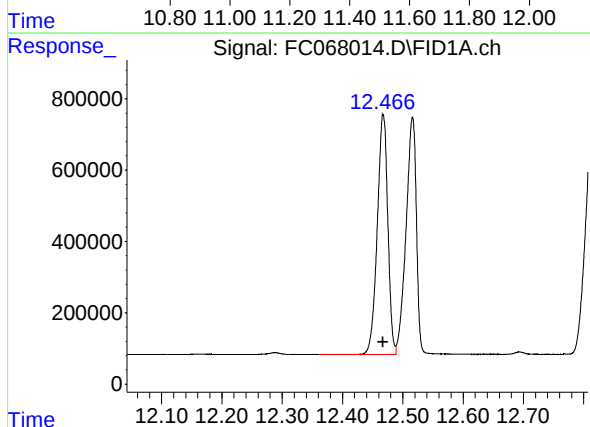
ClientSampleId :

PB165681BSD

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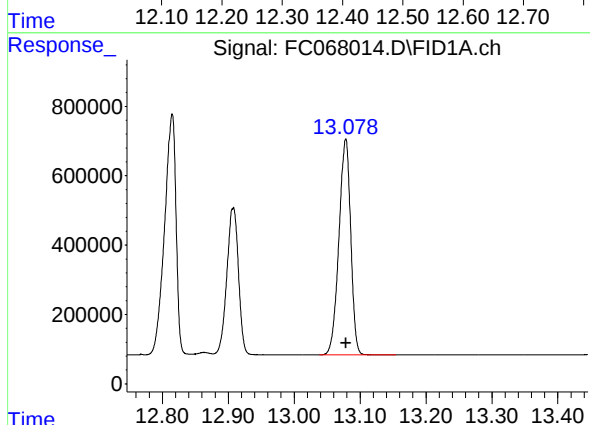
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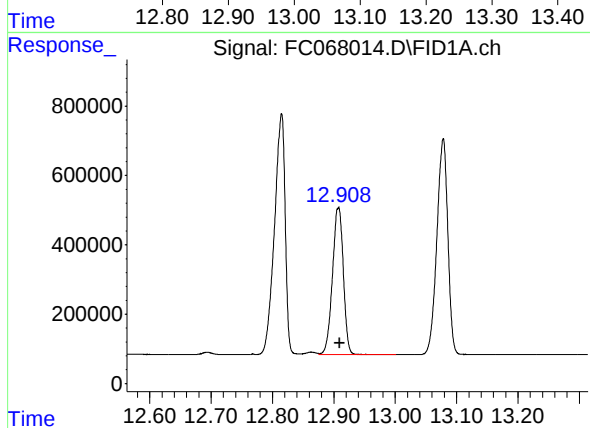
#10 n-Eicosane (C20)

R.T.: 12.467 min
Delta R.T.: 0.000 min
Response: 8177922
Conc: 54.36 ug/ml



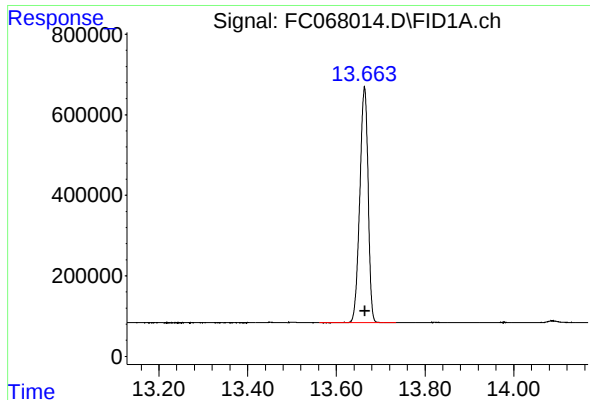
#11 n-Heneicosane (C21)

R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 7732561
Conc: 52.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.907 min
Delta R.T.: -0.002 min
Response: 5224873
Conc: 40.95 ug/ml



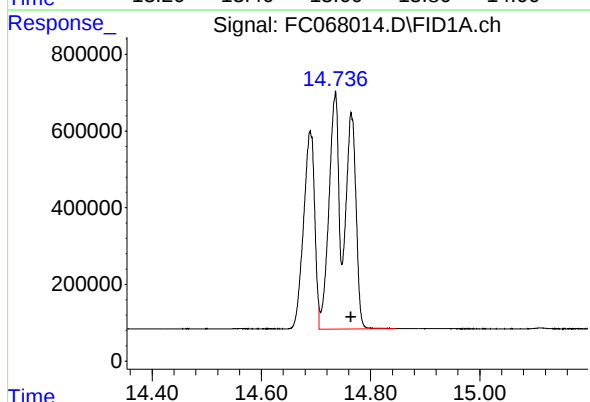
#13 n-Docosane (C22)

R.T.: 13.663 min
Delta R.T.: 0.000 min
Response: 7604362
Conc: 53.12 ug/ml

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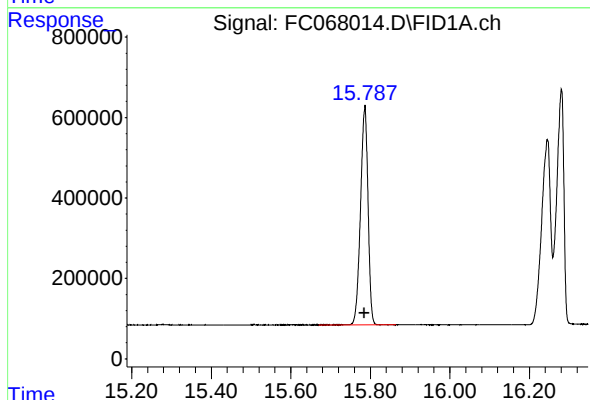
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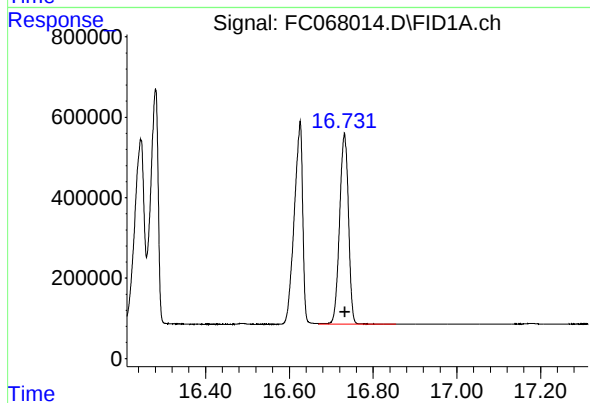
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.029 min
Response: 14940950
Conc: 107.53 ug/ml m



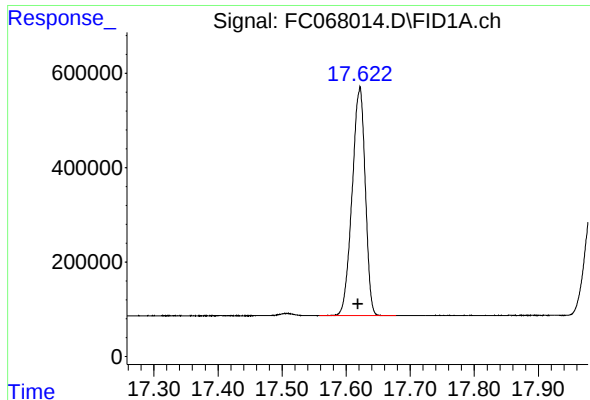
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.001 min
Response: 7118095
Conc: 53.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: -0.001 min
Response: 6992234
Conc: 53.91 ug/ml



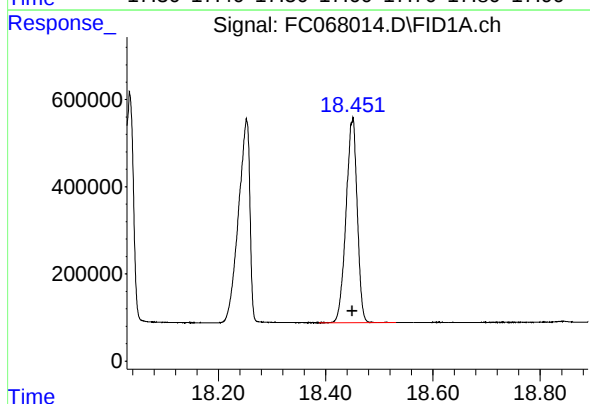
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: 0.002 min
Response: 6892869
Conc: 53.21 ug/ml

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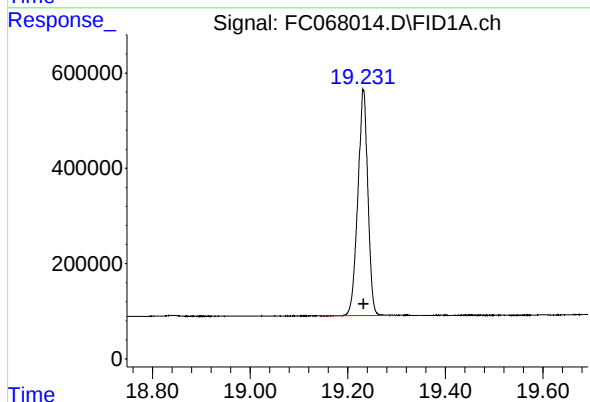
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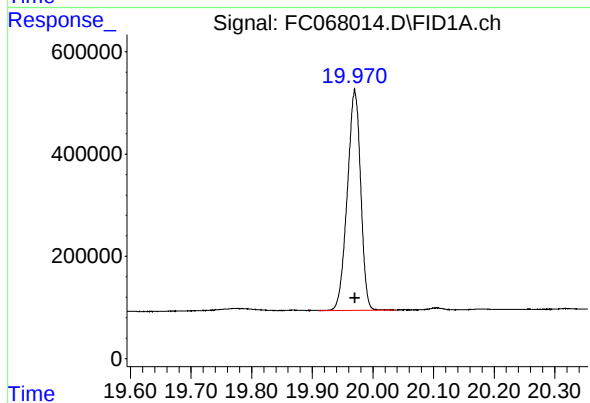
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.000 min
Response: 6771853
Conc: 54.66 ug/ml



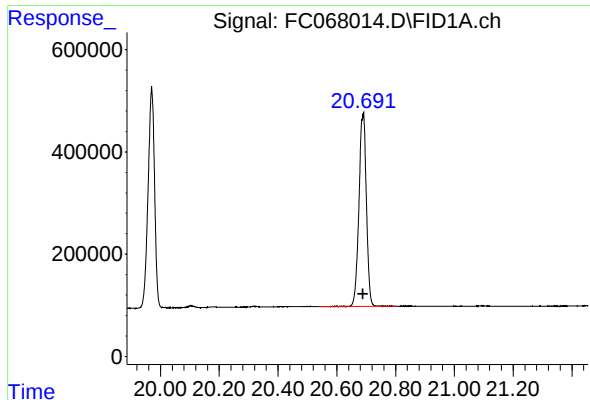
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.000 min
Response: 6746964
Conc: 61.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 6608143
Conc: 69.85 ug/ml



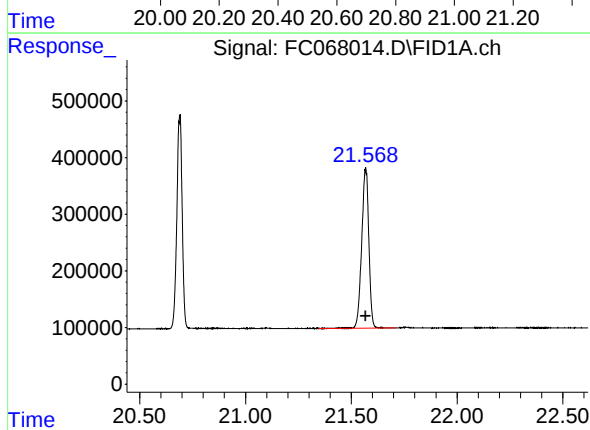
#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: 0.002 min
Response: 6602066
Conc: 72.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: 0.000 min
Response: 6621665
Conc: 75.13 ug/ml