

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011897.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 15:46
 Operator : YP\AJ
 Sample : PB152897BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB152897BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e
 Quant Time: May 20 00:43:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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)	10.929	6903963	44.110 ug/ml
Spiked Amount 50.000		Recovery =	88.22%
12) S 1-chlorooctadecane (S...	12.368	5614775	47.349 ug/ml
Spiked Amount 50.000		Recovery =	94.70%
Target Compounds			
1) T n-Nonane (C9)	2.769	4908450	42.632 ug/ml
2) T n-Decane (C10)	3.778	5269596	44.674 ug/ml
3) T A~Naphthalene (C11.7)	5.342	6015389	45.892 ug/ml
4) T n-Dodecane (C12)	5.768	5607529	46.752 ug/ml
5) T A~2-methylnaphthalene...	6.393	5839264	46.257 ug/ml
6) T n-Tetradecane (C14)	7.564	5728911	47.177 ug/ml
7) T n-Hexadecane (C16)	9.165	6162450	47.464 ug/ml
8) T n-Octadecane (C18)	10.611	6364727	46.759 ug/ml
10) T n-Eicosane (C20)	11.923	6582277	48.775 ug/ml
11) T n-Heneicosane (C21)	12.536	6400620	47.620 ug/ml
13) T n-Docosane (C22)	13.122	6410350	47.439 ug/ml
14) T n-Tetracosane (C24)	14.216	12563597	92.313 ug/ml
15) T n-Hexacosane (C26)	15.253	6304429	47.127 ug/ml
16) T n-Octacosane (C28)	16.202	6146713	47.083 ug/ml
17) T n-Tricontane (C30)	17.093	6043778	45.825 ug/ml
18) T n-Dotriacontane (C32)	17.925	5850842	45.543 ug/ml
19) T n-Tetratriacontane (C34)	18.709	5768482	47.079 ug/ml
20) T n-Hexatriacontane (C36)	19.452	5430420	46.680 ug/ml
21) T n-Octatriacontane (C38)	20.195	5323767	47.383 ug/ml
22) T n-Tetracontane (C40)	21.121	5202667	48.288 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 19 May 2023 15:46
Operator : YP\AJ
Sample : PB152897BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

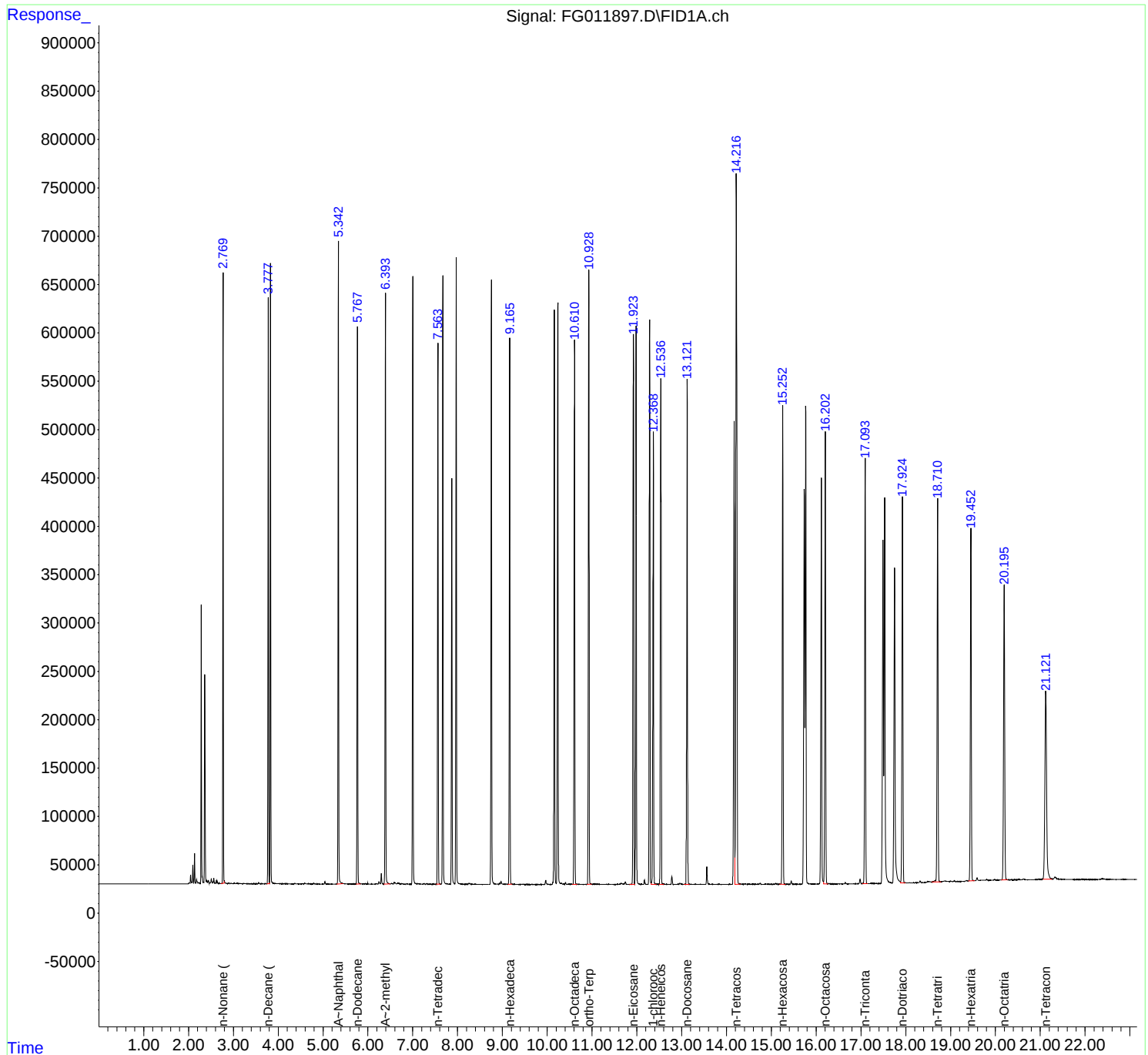
Instrument :
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PB152897BSD

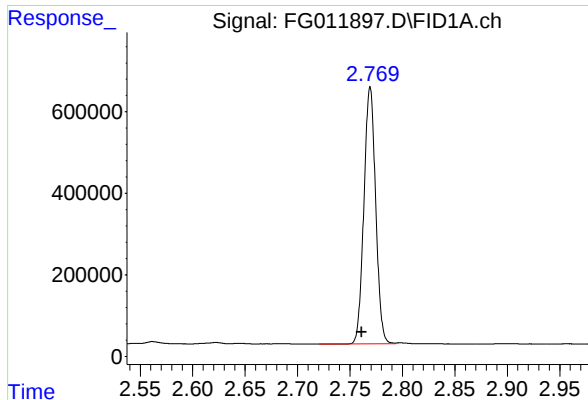
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.769 min
Delta R.T.: 0.008 min
Response: 4908450
Conc: 42.63 ug/ml

Instrument :

FID_G

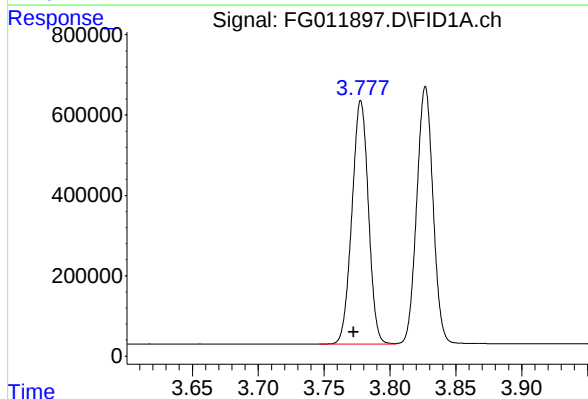
ClientSampleId :

PB152897BSD

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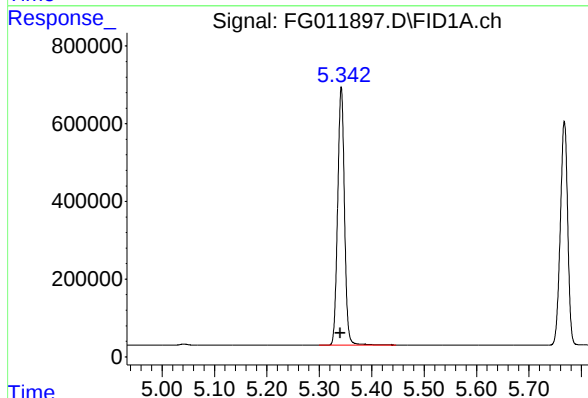
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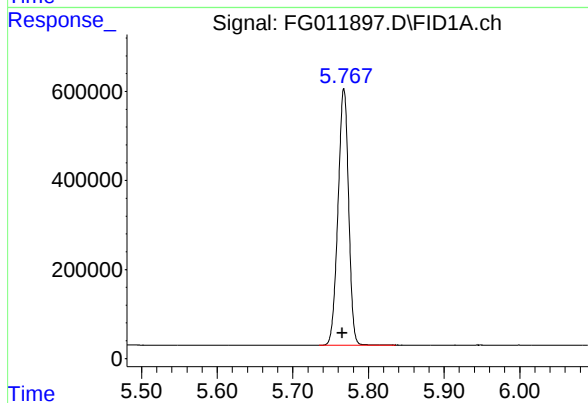
#2 n-Decane (C10)

R.T.: 3.778 min
Delta R.T.: 0.005 min
Response: 5269596
Conc: 44.67 ug/ml



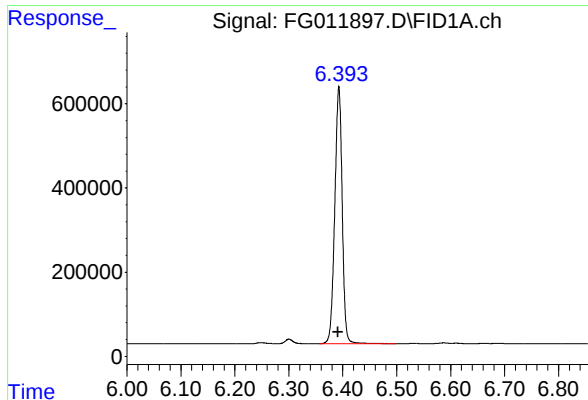
#3 A~Naphthalene (C11.7)

R.T.: 5.342 min
Delta R.T.: 0.002 min
Response: 6015389
Conc: 45.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.768 min
Delta R.T.: 0.002 min
Response: 5607529
Conc: 46.75 ug/ml



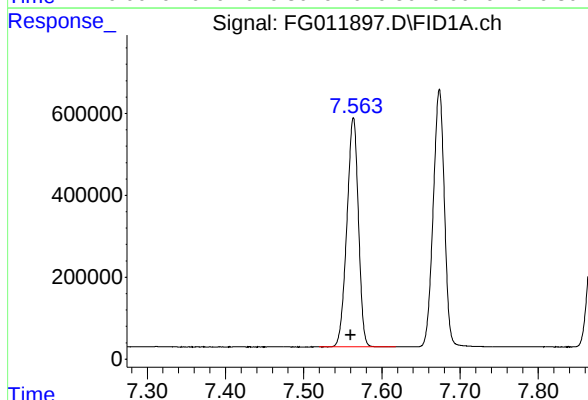
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 5839264
Conc: 46.26 ug/ml

Instrument :
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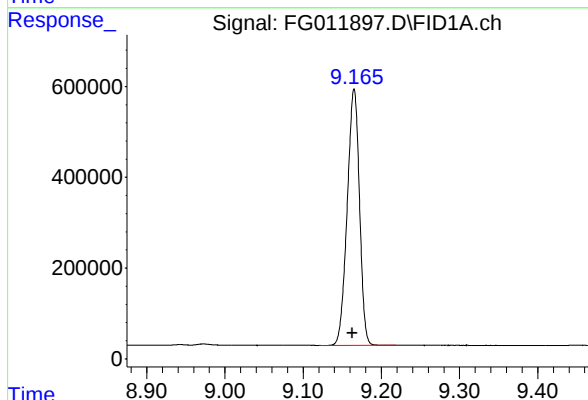
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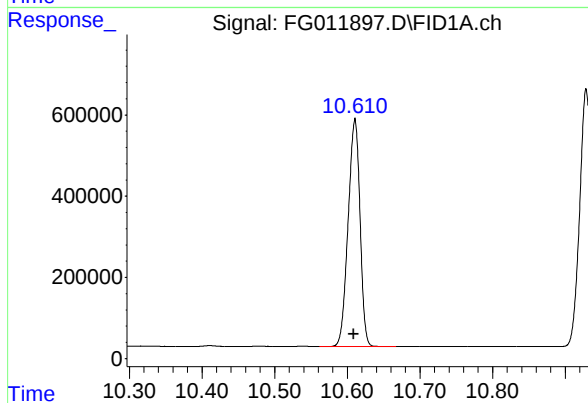
#6 n-Tetradecane (C14)

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 5728911
Conc: 47.18 ug/ml



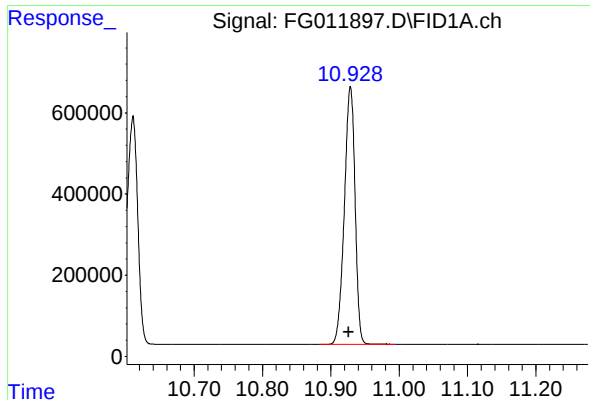
#7 n-Hexadecane (C16)

R.T.: 9.165 min
Delta R.T.: 0.002 min
Response: 6162450
Conc: 47.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.611 min
Delta R.T.: 0.002 min
Response: 6364727
Conc: 46.76 ug/ml



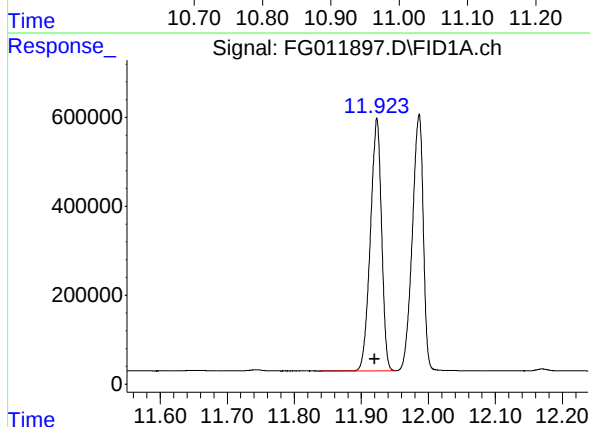
#9 ortho-Terphenyl (SURR)

R.T.: 10.929 min
Delta R.T.: 0.003 min
Response: 6903963
Conc: 44.11 ug/ml

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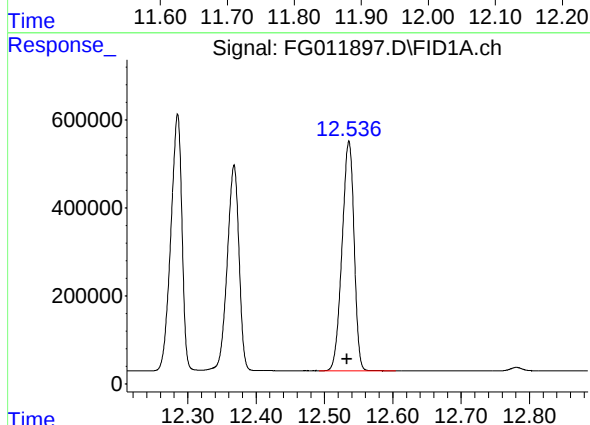
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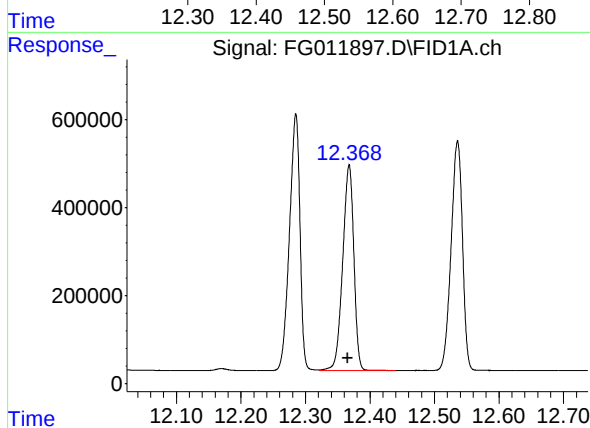
#10 n-Eicosane (C20)

R.T.: 11.923 min
Delta R.T.: 0.003 min
Response: 6582277
Conc: 48.77 ug/ml



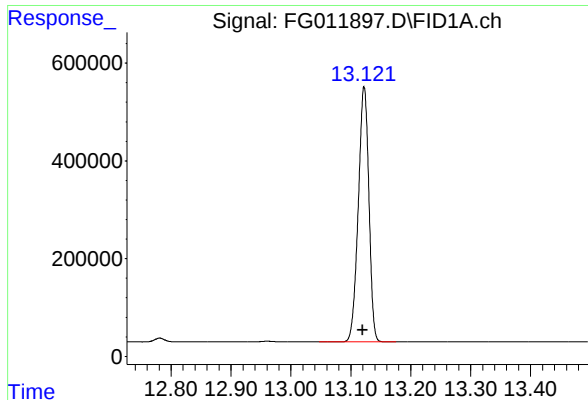
#11 n-Heneicosane (C21)

R.T.: 12.536 min
Delta R.T.: 0.003 min
Response: 6400620
Conc: 47.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.368 min
Delta R.T.: 0.002 min
Response: 5614775
Conc: 47.35 ug/ml



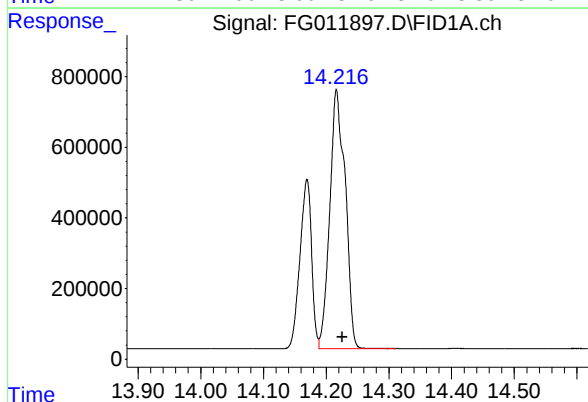
#13 n-Docosane (C22)

R.T.: 13.122 min
Delta R.T.: 0.002 min
Response: 6410350
Conc: 47.44 ug/ml

Instrument :
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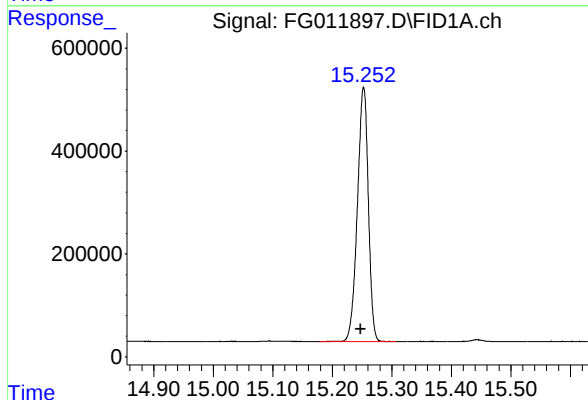
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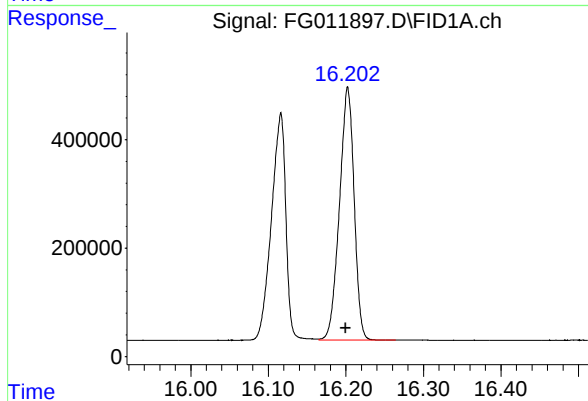
#14 n-Tetracosane (C24)

R.T.: 14.216 min
Delta R.T.: -0.009 min
Response: 12563597
Conc: 92.31 ug/ml



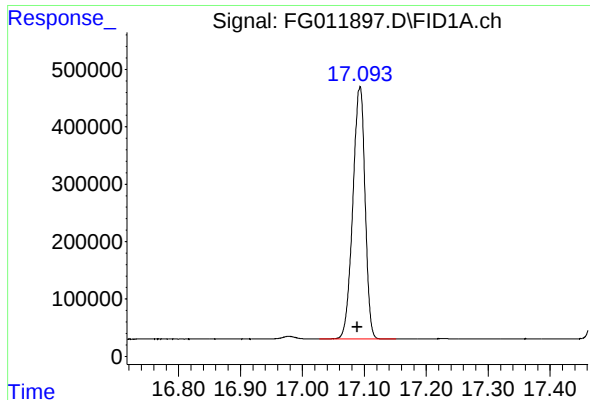
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: 0.005 min
Response: 6304429
Conc: 47.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: 0.003 min
Response: 6146713
Conc: 47.08 ug/ml



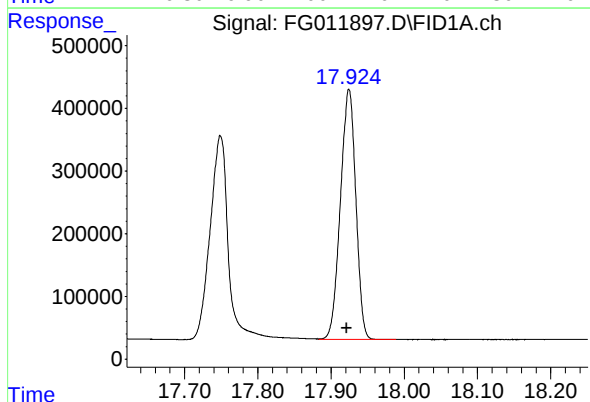
#17 n-Tricontane (C30)

R.T.: 17.093 min
Delta R.T.: 0.005 min
Response: 6043778
Conc: 45.82 ug/ml

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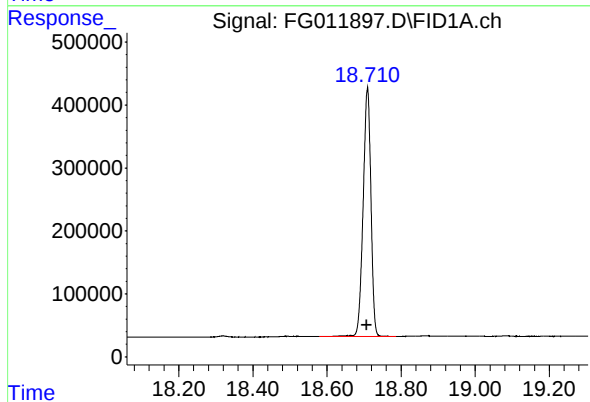
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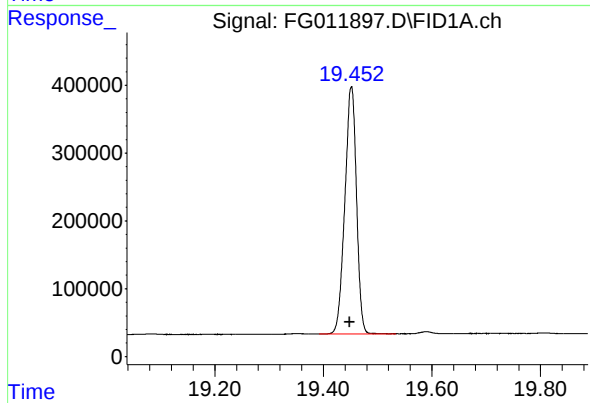
#18 n-Dotriacontane (C32)

R.T.: 17.925 min
Delta R.T.: 0.003 min
Response: 5850842
Conc: 45.54 ug/ml



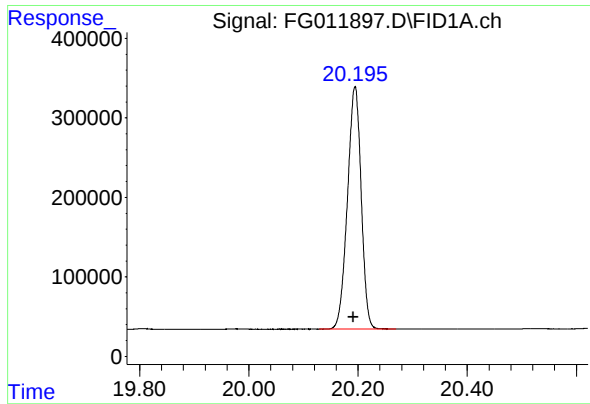
#19 n-Tetatriacontane (C34)

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 5768482
Conc: 47.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.452 min
Delta R.T.: 0.003 min
Response: 5430420
Conc: 46.68 ug/ml



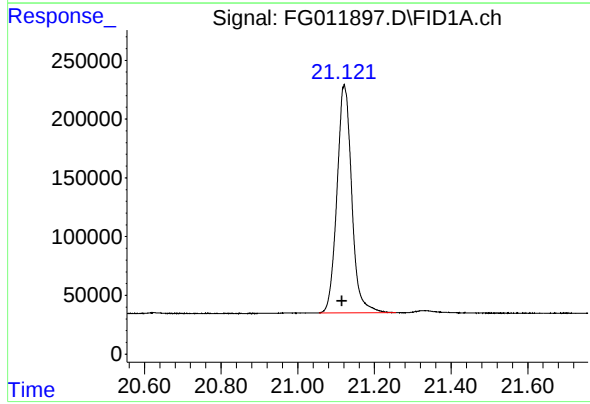
#21 n-Octatriacontane (C38)

R.T.: 20.195 min
Delta R.T.: 0.003 min
Response: 5323767
Conc: 47.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.121 min
Delta R.T.: 0.005 min
Response: 5202667
Conc: 48.29 ug/ml m