

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061623AL\
 Data File : FG012194.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2023 19:06
 Operator : YP\AJ
 Sample : 03255-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 EPH-SB-24MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e
 Quant Time: Jun 16 23:38:41 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			
12) S 1-chlorooctadecane (S...	12.349	6486673	54.702 ug/ml
Spiked Amount 50.000		Recovery =	109.40%
Target Compounds			
1) T n-Nonane (C9)	2.749	3591339	31.192 ug/ml
2) T n-Decane (C10)	3.759	4627294	39.229 ug/ml
4) T n-Dodecane (C12)	5.751	5772550	48.128 ug/ml
6) T n-Tetradecane (C14)	7.546	6785898	55.881 ug/ml
7) T n-Hexadecane (C16)	9.149	7799442	60.073 ug/ml
8) T n-Octadecane (C18)	10.593	8185804	60.138 ug/ml
10) T n-Eicosane (C20)	11.905	8167793	60.524 ug/ml
11) T n-Heneicosane (C21)	12.517	7821805	58.194 ug/ml
13) T n-Docosane (C22)	13.105	7697322	56.963 ug/ml
14) T n-Tetracosane (C24)	14.210	7475766	54.929 ug/ml
15) T n-Hexacosane (C26)	15.233	7327953	54.778 ug/ml
16) T n-Octacosane (C28)	16.184	7391479	56.617 ug/ml
17) T n-Tricontane (C30)	17.073	7500707	56.871 ug/ml
18) T n-Dotriacontane (C32)	17.907	7155612	55.699 ug/ml
19) T n-Tetratriacontane (C34)	18.694	7483101	61.073 ug/ml
20) T n-Hexatriacontane (C36)	19.435	6834887	58.752 ug/mlm
21) T n-Octatriacontane (C38)	20.174	6750632	60.083 ug/mlm
22) T n-Tetracontane (C40)	21.092	6606533	61.318 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.ch
Acq On : 16 Jun 2023 19:06
Operator : YP\AJ
Sample : 03255-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

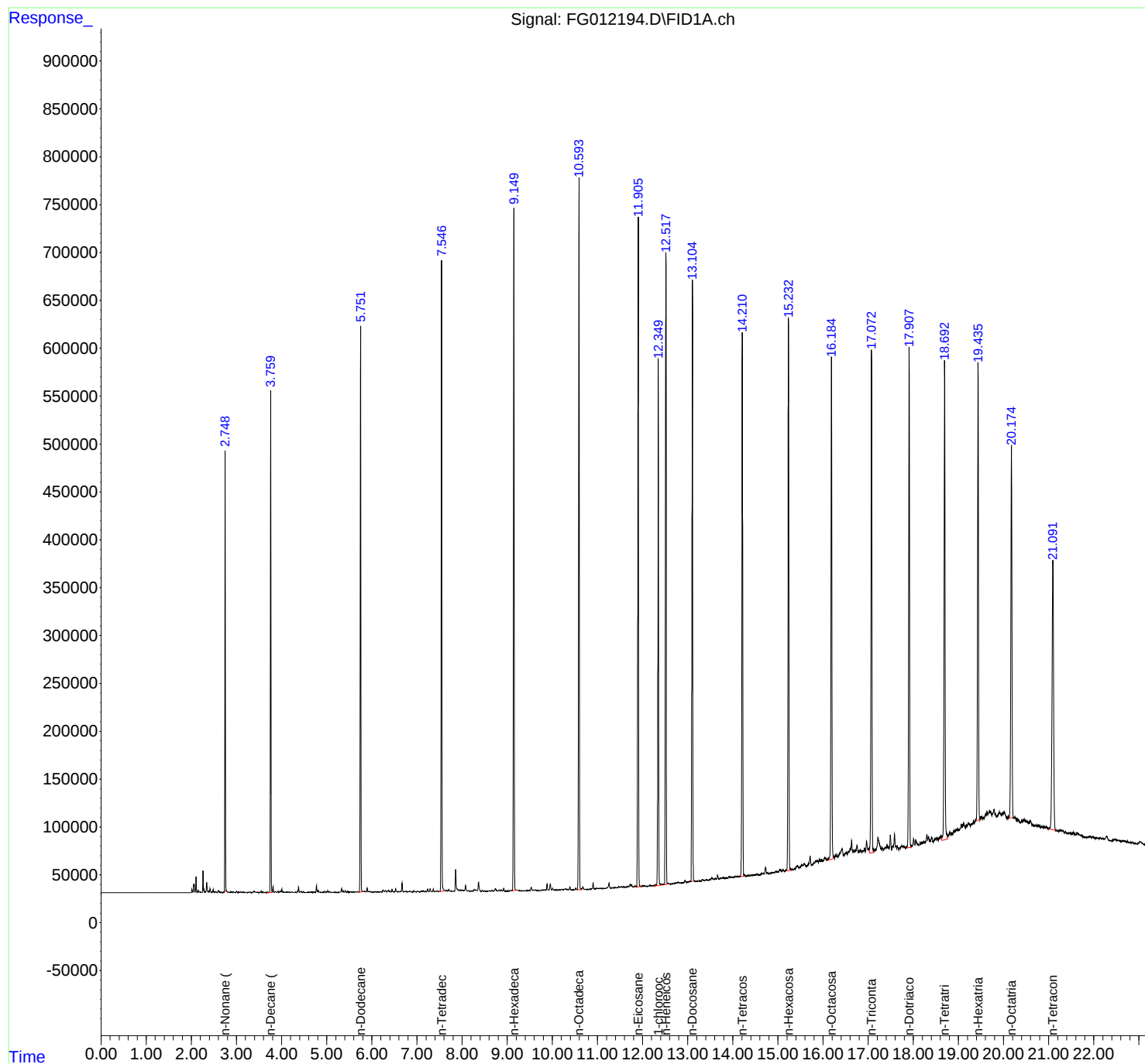
Instrument :
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EPH-SB-24MS

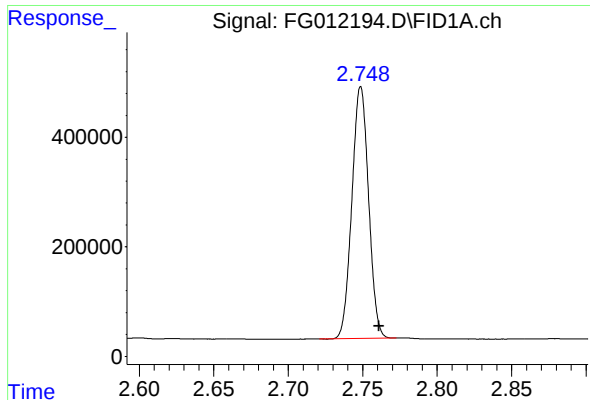
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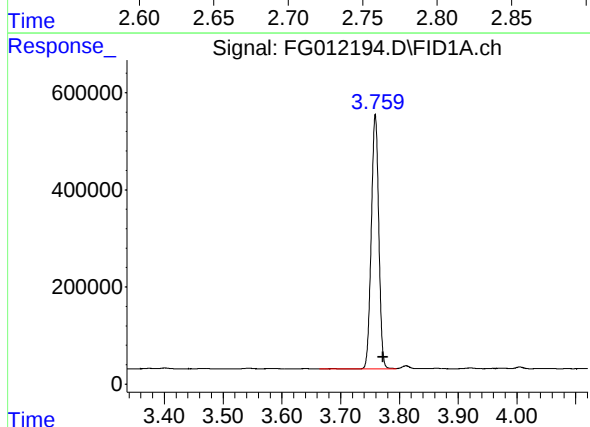
#1 n-Nonane (C9)

R.T.: 2.749 min
Delta R.T.: -0.012 min
Response: 3591339
Conc: 31.19 ug/ml

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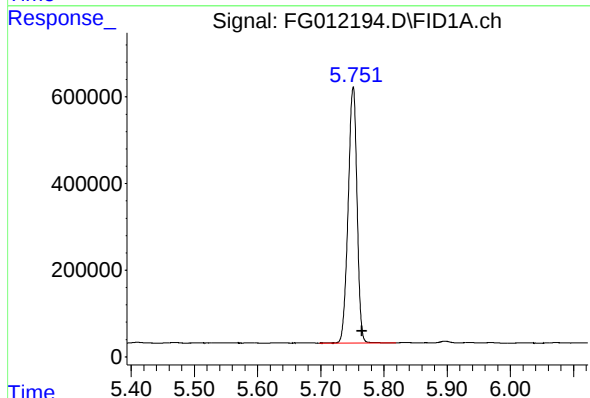
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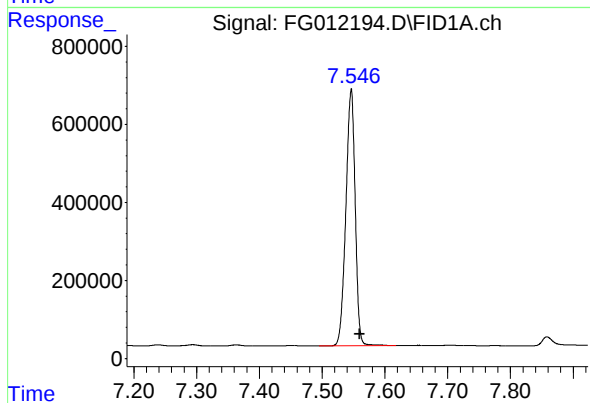
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: -0.013 min
Response: 4627294
Conc: 39.23 ug/ml



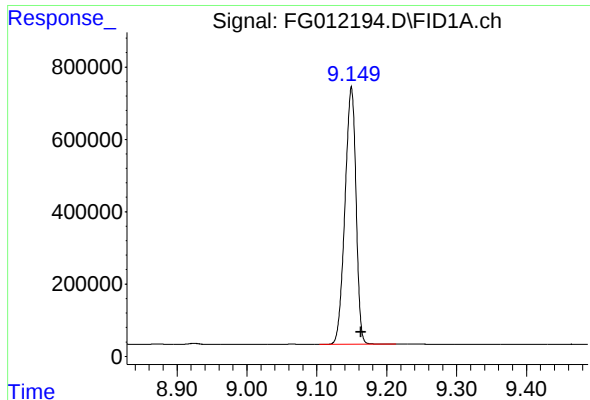
#4 n-Dodecane (C12)

R.T.: 5.751 min
Delta R.T.: -0.014 min
Response: 5772550
Conc: 48.13 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 6785898
Conc: 55.88 ug/ml



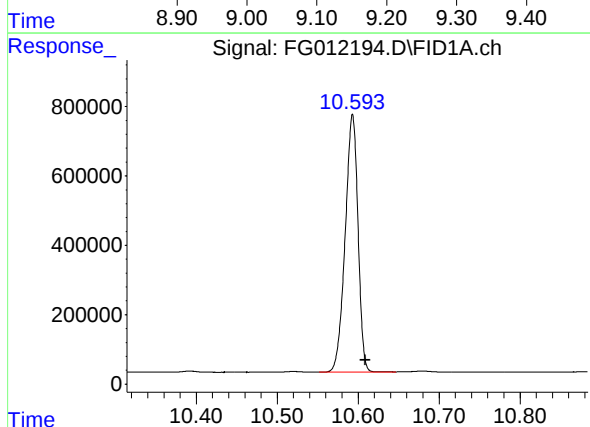
#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 7799442
Conc: 60.07 ug/ml

Instrument :
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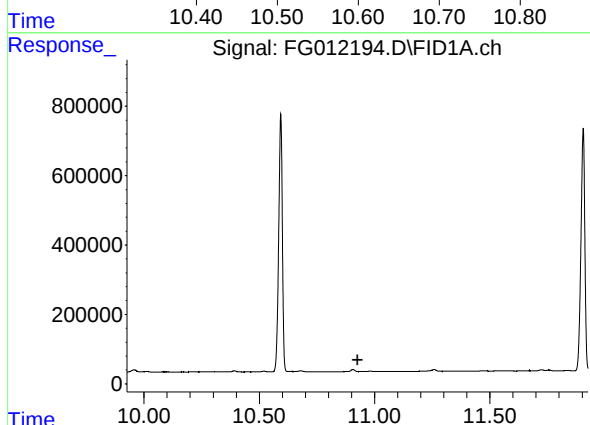
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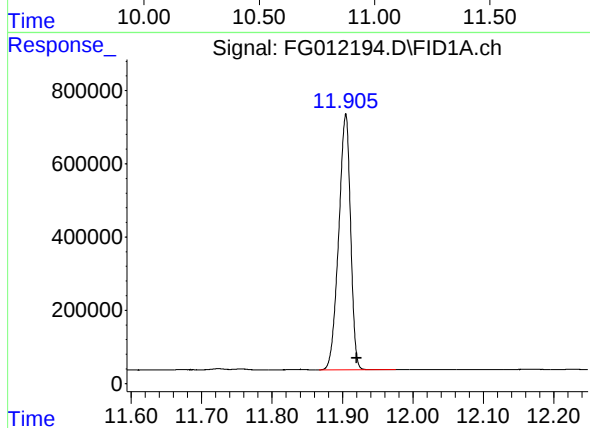
#8 n-Octadecane (C18)

R.T.: 10.593 min
Delta R.T.: -0.016 min
Response: 8185804
Conc: 60.14 ug/ml



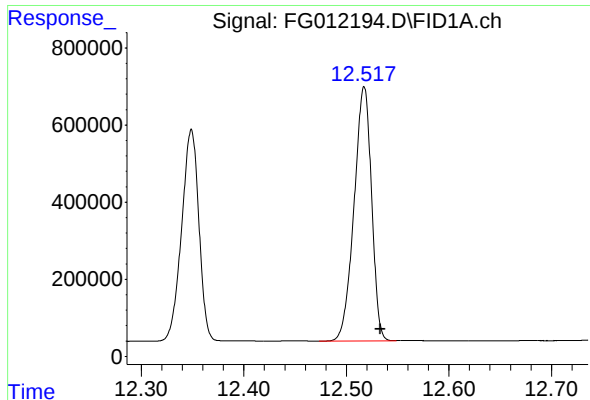
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.905 min
Delta R.T.: -0.015 min
Response: 8167793
Conc: 60.52 ug/ml



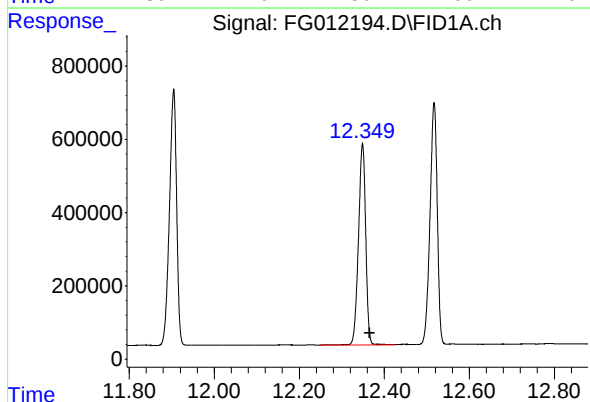
#11 n-Heneicosane (C21)

R.T.: 12.517 min
Delta R.T.: -0.016 min
Response: 7821805
Conc: 58.19 ug/ml

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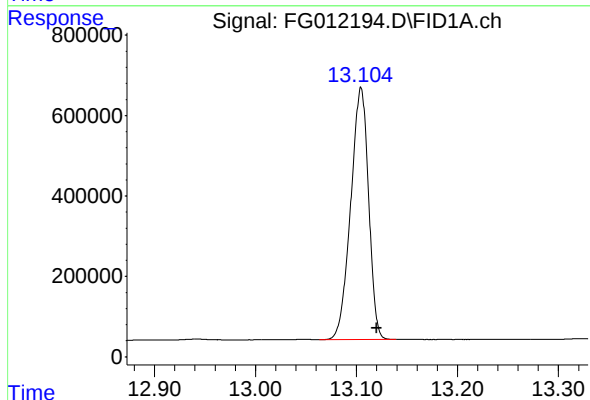
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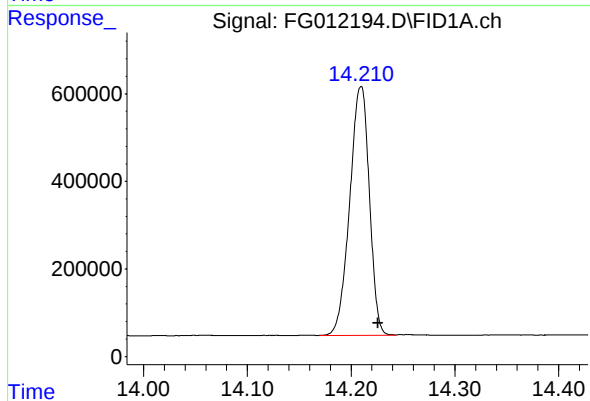
#12 1-chlorooctadecane (SURR)

R.T.: 12.349 min
Delta R.T.: -0.016 min
Response: 6486673
Conc: 54.70 ug/ml



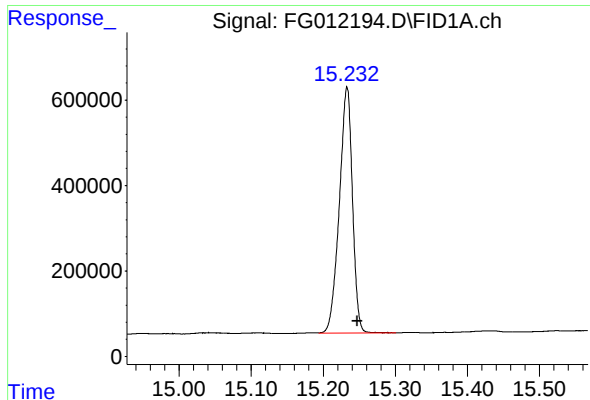
#13 n-Docosane (C22)

R.T.: 13.105 min
Delta R.T.: -0.015 min
Response: 7697322
Conc: 56.96 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.210 min
Delta R.T.: -0.016 min
Response: 7475766
Conc: 54.93 ug/ml



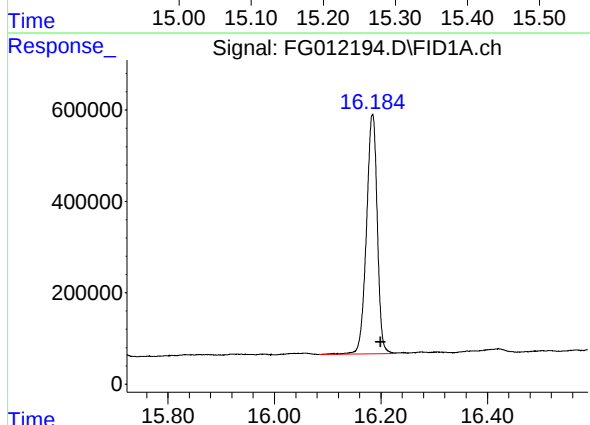
#15 n-Hexacosane (C26)

R.T.: 15.233 min
Delta R.T.: -0.014 min
Response: 7327953
Conc: 54.78 ug/ml

Instrument :
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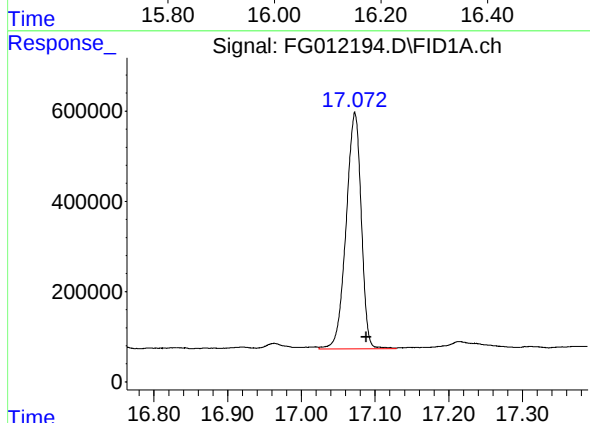
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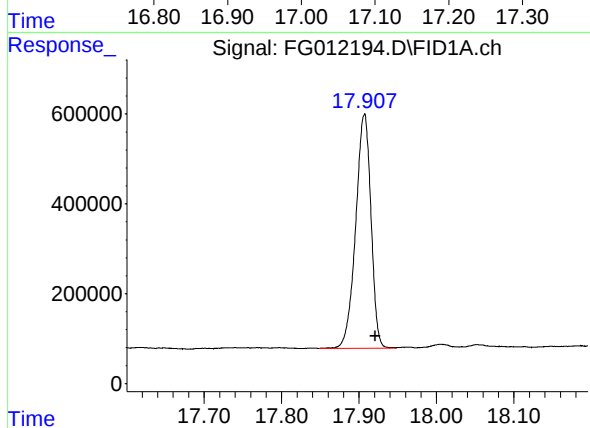
#16 n-Octacosane (C28)

R.T.: 16.184 min
Delta R.T.: -0.015 min
Response: 7391479
Conc: 56.62 ug/ml



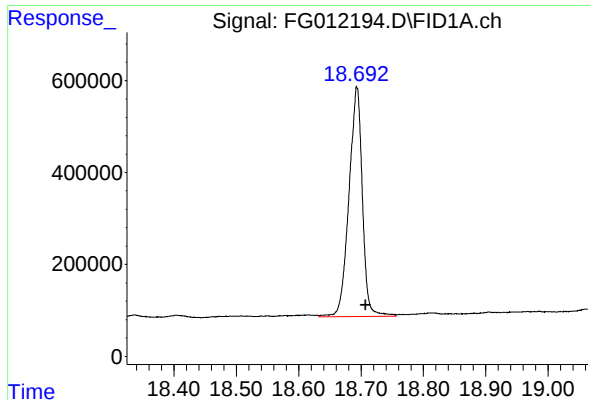
#17 n-Tricontane (C30)

R.T.: 17.073 min
Delta R.T.: -0.016 min
Response: 7500707
Conc: 56.87 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.907 min
Delta R.T.: -0.014 min
Response: 7155612
Conc: 55.70 ug/ml



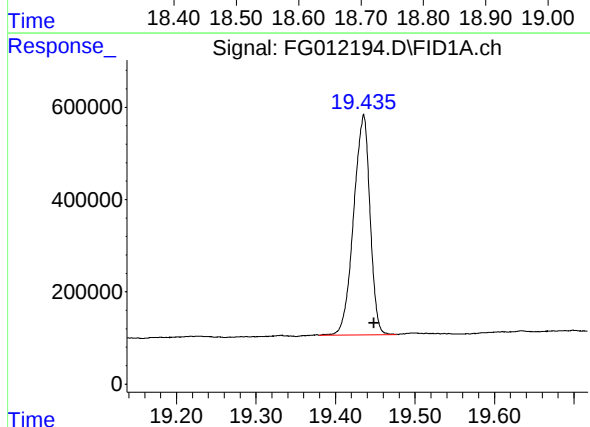
#19 n-Tetratriacontane (C34)

R.T.: 18.694 min
Delta R.T.: -0.014 min
Response: 7483101
Conc: 61.07 ug/ml

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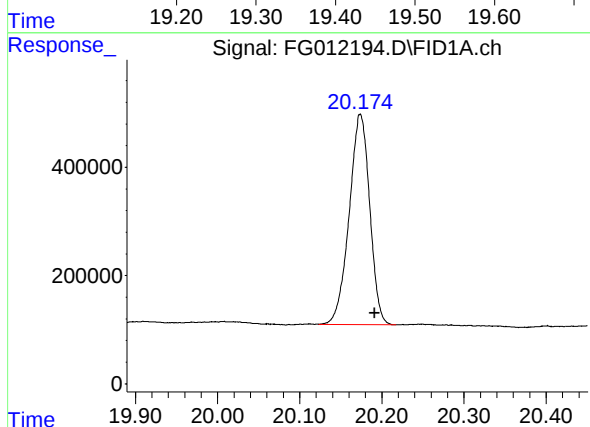
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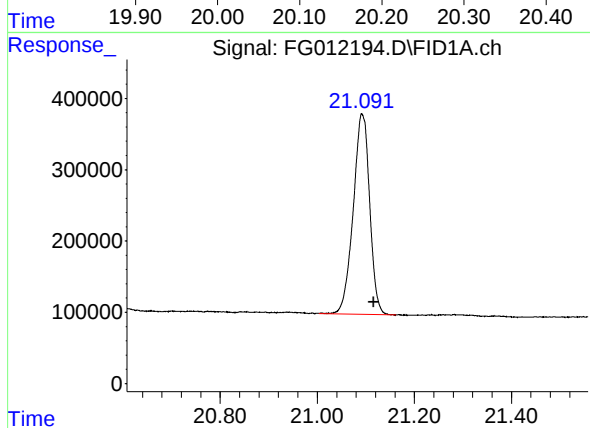
#20 n-Hexatriacontane (C36)

R.T.: 19.435 min
Delta R.T.: -0.013 min
Response: 6834887
Conc: 58.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.174 min
Delta R.T.: -0.018 min
Response: 6750632
Conc: 60.08 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.092 min
Delta R.T.: -0.024 min
Response: 6606533
Conc: 61.32 ug/ml