

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041425AL\
 Data File : FC068596.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2025 17:39
 Operator : YP/AJ
 Sample : Q1792-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-05-041125MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/15/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File: autoint1.e
 Quant Time: Apr 15 01:17:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.720	3804886	29.880 ug/ml
Spiked Amount 50.000		Recovery =	59.76%
12) S 1-chlorooctadecane (S...	13.154	2773932	29.861 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
1) T n-Nonane (C9)	3.449	3447119	32.729 ug/ml
2) T n-Decane (C10)	4.525	3958221	37.569 ug/ml
3) T A~Naphthalene (C11.7)	6.123	4962623	42.612 ug/ml
4) T n-Dodecane (C12)	6.550	4637400	44.097 ug/ml
5) T A~2-methylnaphthalene...	7.182	4886813	42.311 ug/ml
6) T n-Tetradecane (C14)	8.351	5239855	50.969 ug/ml
7) T n-Hexadecane (C16)	9.953	5769041	56.647 ug/ml
8) T n-Octadecane (C18)	11.397	5701993	56.661 ug/ml
10) T n-Eicosane (C20)	12.709	5591468	56.847 ug/ml
11) T n-Heneicosane (C21)	13.322	5178447	53.136 ug/ml
13) T n-Docosane (C22)	13.908	5113447	52.937 ug/ml
14) T n-Tetracosane (C24)	15.009	10005518	105.117 ug/ml
15) T n-Hexacosane (C26)	16.038	4938074	52.868 ug/ml
16) T n-Octacosane (C28)	16.988	5073905	55.418 ug/ml
17) T n-Tricontane (C30)	17.880	5070655	55.157 ug/ml
18) T n-Dotriacontane (C32)	18.714	5040675	54.952 ug/ml
19) T n-Tetratriacontane (C34)	19.500	4867770	54.486 ug/ml
20) T n-Hexatriacontane (C36)	20.243	4725642	52.754 ug/ml
21) T n-Octatriacontane (C38)	21.024	4913142	55.571 ug/ml
22) T n-Tetracontane (C40)	22.009	4199070	47.551 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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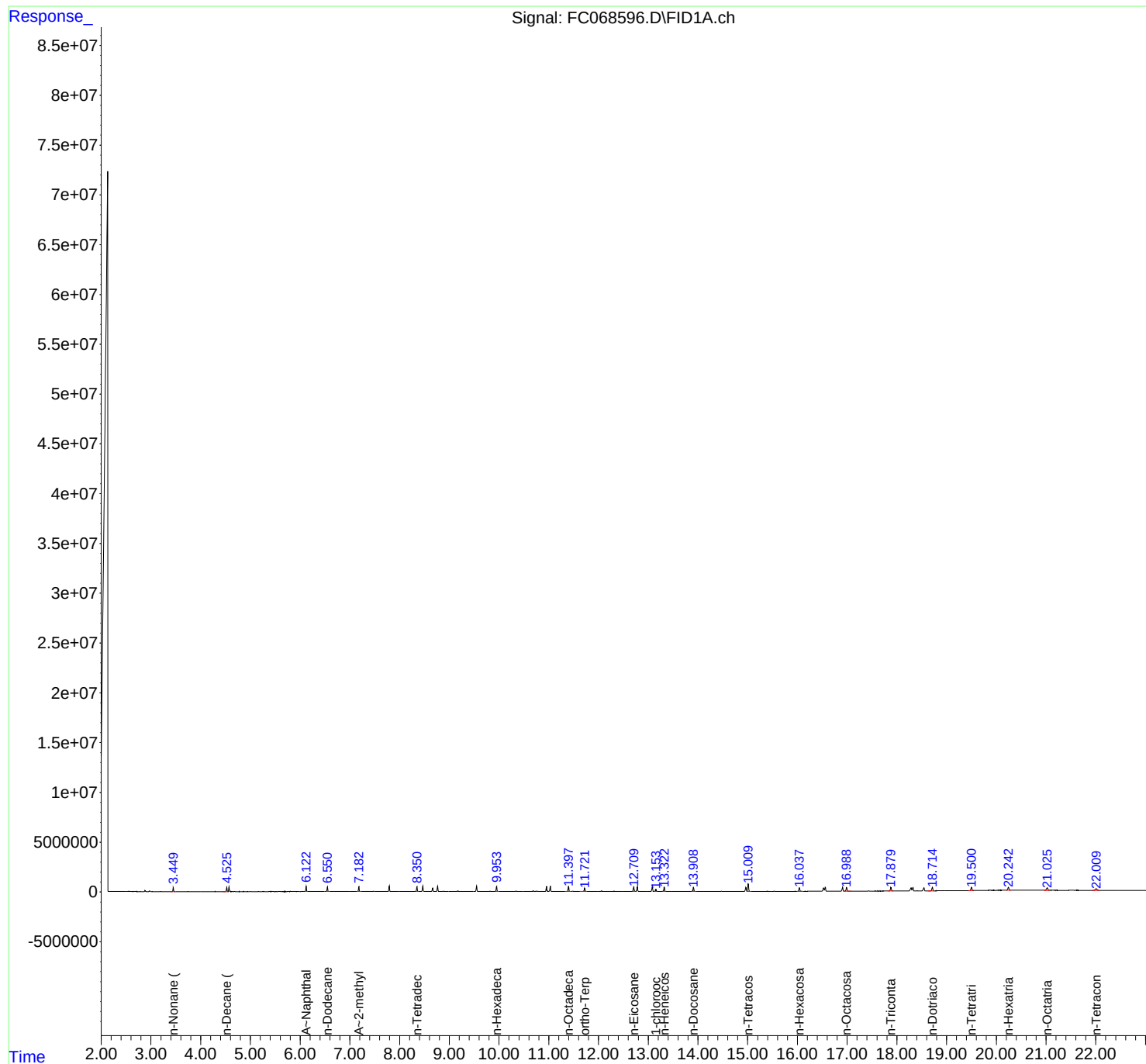
Instrument :
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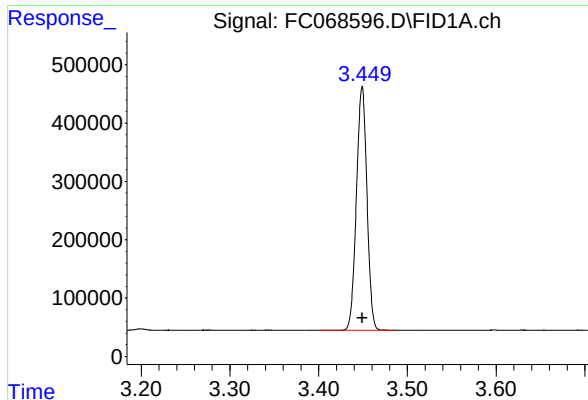
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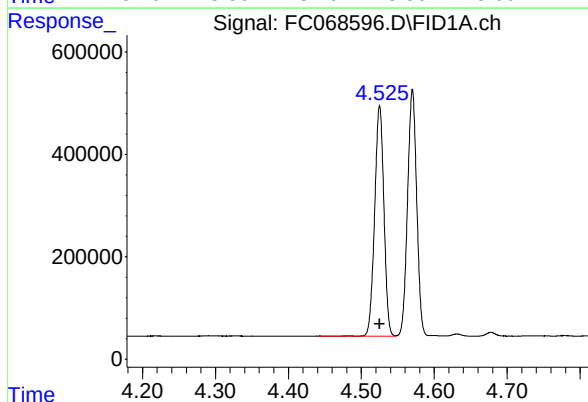
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 3447119
Conc: 32.73 ug/ml

Instrument :
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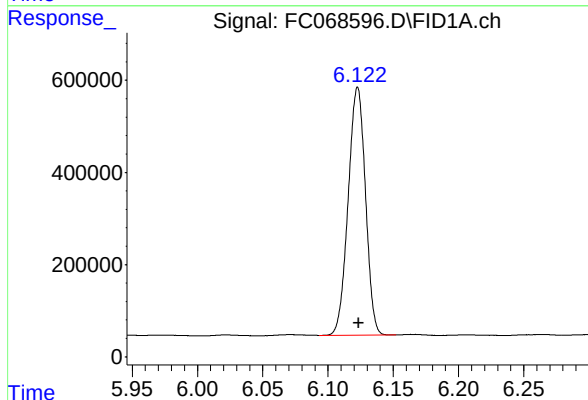
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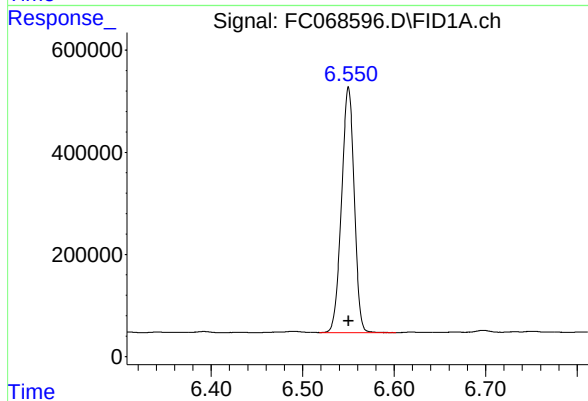
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3958221
Conc: 37.57 ug/ml



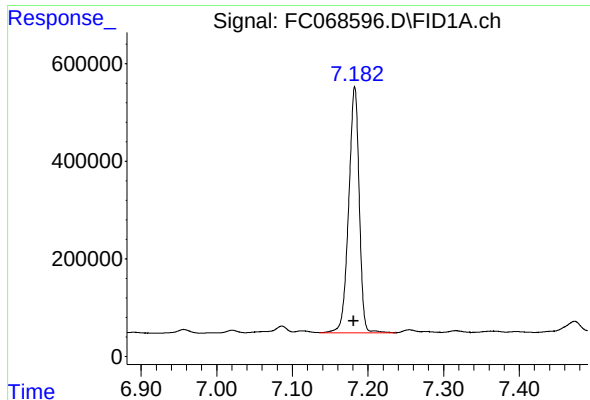
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 4962623
Conc: 42.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4637400
Conc: 44.10 ug/ml



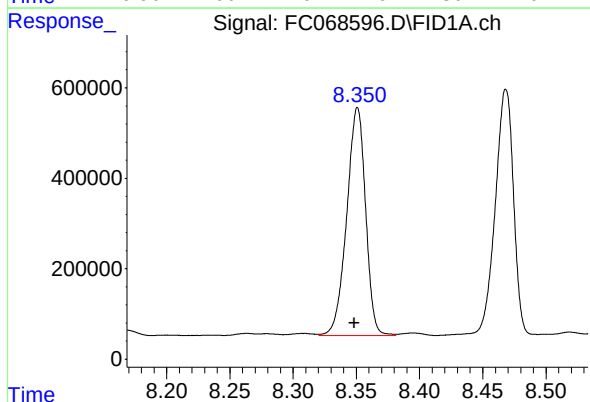
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.182 min
Delta R.T.: 0.001 min
Response: 4886813
Conc: 42.31 ug/ml

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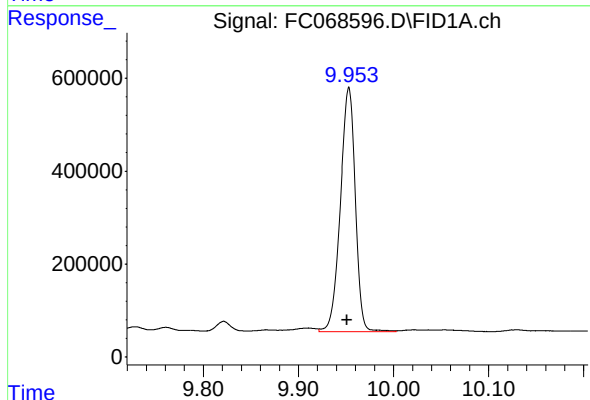
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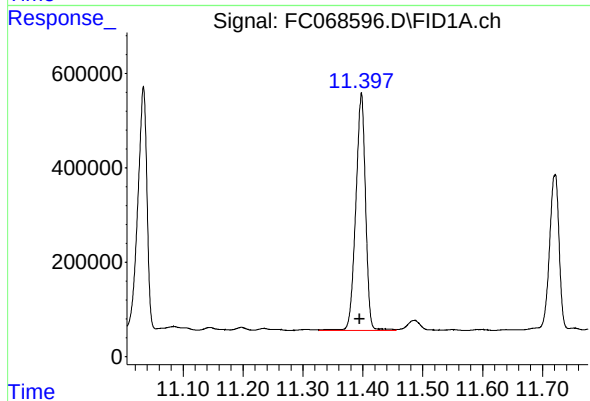
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 5239855
Conc: 50.97 ug/ml



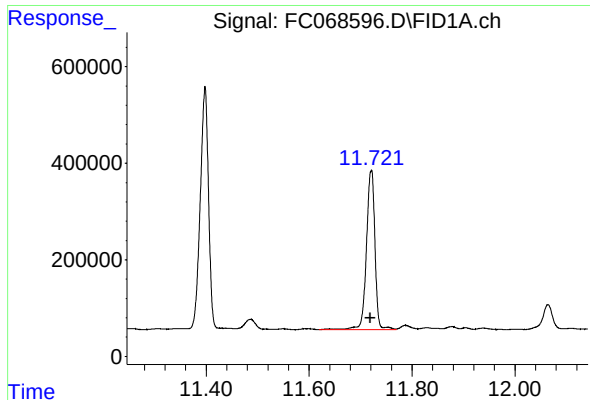
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.002 min
Response: 5769041
Conc: 56.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: 0.003 min
Response: 5701993
Conc: 56.66 ug/ml



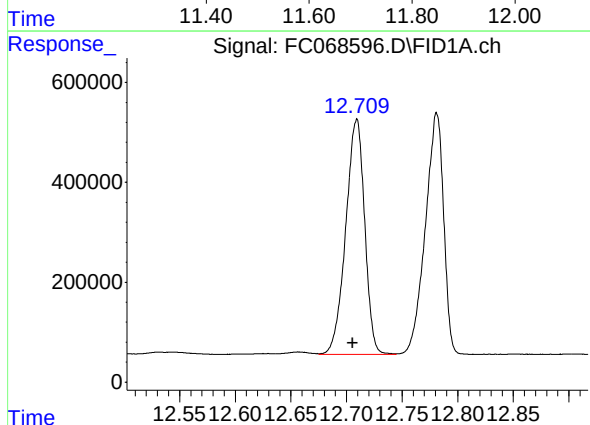
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.002 min
Response: 3804886
Conc: 29.88 ug/ml

Instrument :
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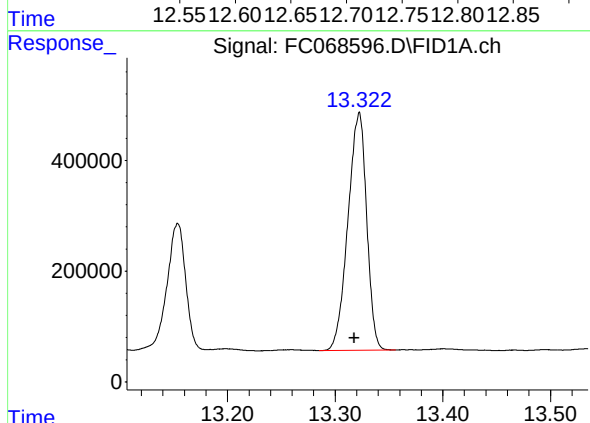
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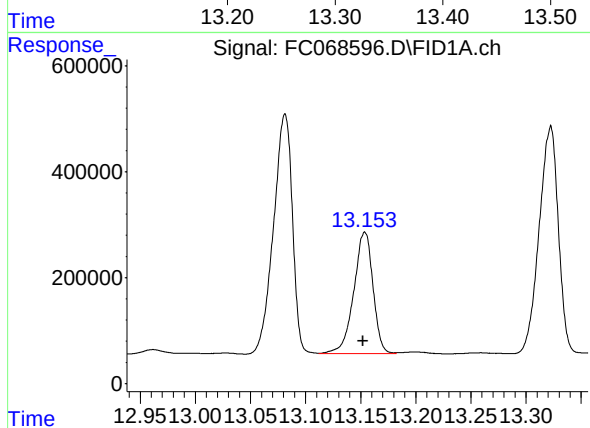
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.003 min
Response: 5591468
Conc: 56.85 ug/ml



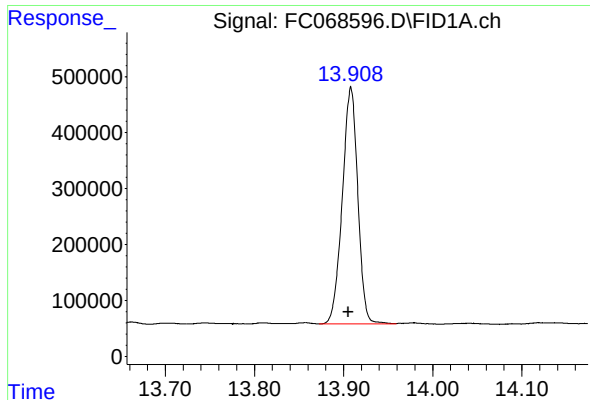
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 5178447
Conc: 53.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: 0.002 min
Response: 2773932
Conc: 29.86 ug/ml



#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: 0.003 min
Response: 5113447
Conc: 52.94 ug/ml

Instrument :

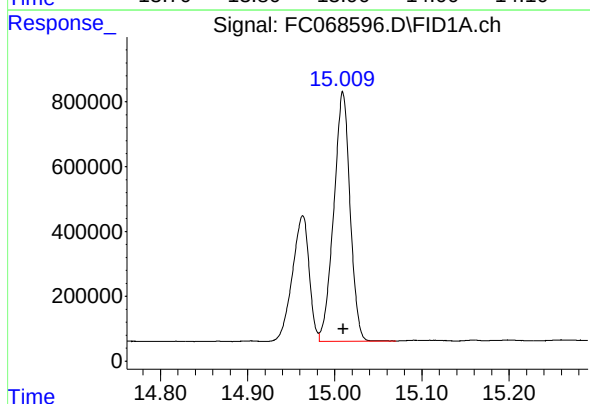
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ClientSampleId :

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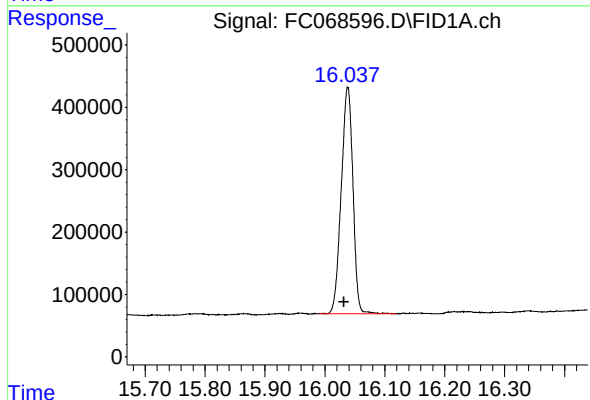
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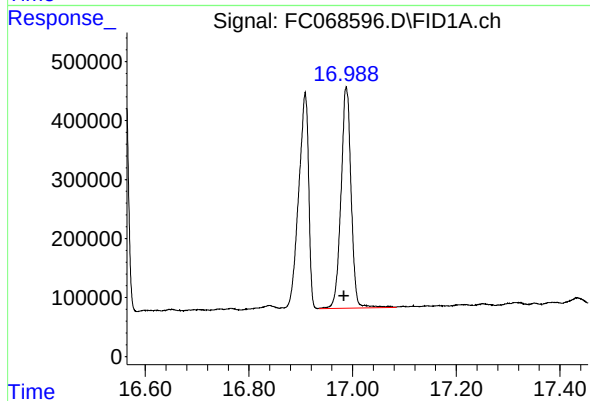
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.000 min
Response: 10005518
Conc: 105.12 ug/ml



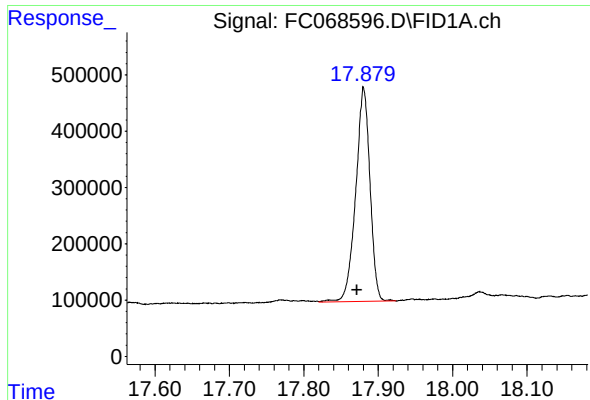
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.006 min
Response: 4938074
Conc: 52.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.988 min
Delta R.T.: 0.004 min
Response: 5073905
Conc: 55.42 ug/ml



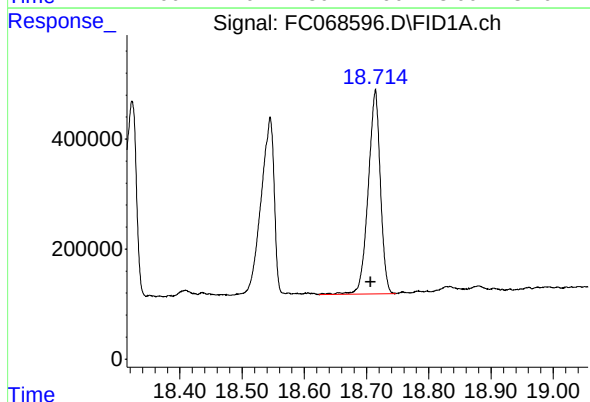
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: 0.009 min
Response: 5070655
Conc: 55.16 ug/ml

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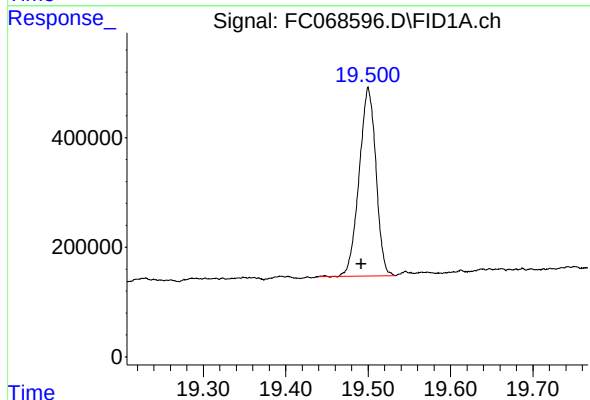
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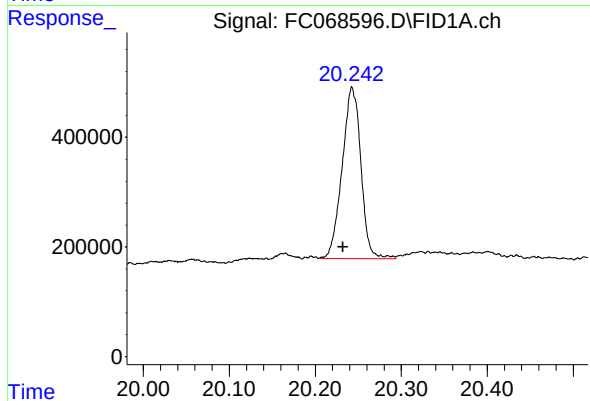
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: 0.007 min
Response: 5040675
Conc: 54.95 ug/ml



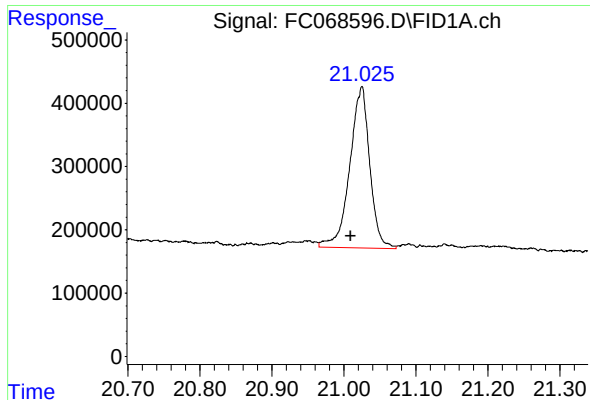
#19 n-Tetratriacontane (C34)

R.T.: 19.500 min
Delta R.T.: 0.009 min
Response: 4867770
Conc: 54.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.243 min
Delta R.T.: 0.011 min
Response: 4725642
Conc: 52.75 ug/ml



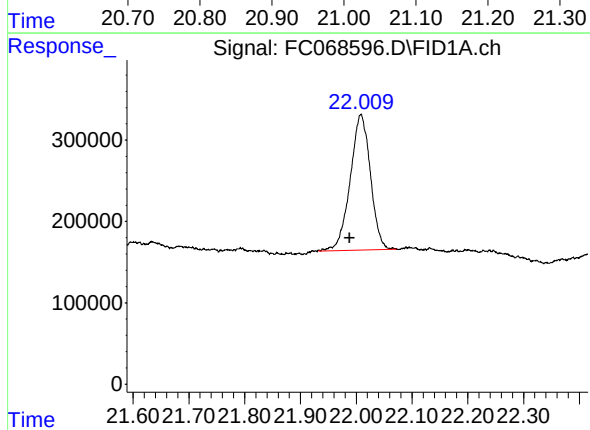
#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: 0.015 min
Response: 4913142
Conc: 55.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.020 min
Response: 4199070
Conc: 47.55 ug/ml m