

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068358.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 19:56
 Operator : YP/AJ
 Sample : Q1480-25MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File: autoint1.e
 Quant Time: Mar 05 04:34:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 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)	11.394	5312647	34.623 ug/ml
Spiked Amount 50.000		Recovery =	69.25%
12) S 1-chlorooctadecane (S...	12.835	3888815	34.575 ug/ml
Spiked Amount 50.000		Recovery =	69.15%
Target Compounds			
1) T n-Nonane (C9)	3.204	3881494	27.592 ug/ml
2) T n-Decane (C10)	4.260	4458618	31.472 ug/mlm
3) T A~Naphthalene (C11.7)	5.825	5290134	34.568 ug/ml
4) T n-Dodecane (C12)	6.267	4839593	34.382 ug/ml
5) T A~2-methylnaphthalene...	6.877	4996453	34.499 ug/ml
6) T n-Tetradecane (C14)	8.056	5274985	38.689 ug/ml
7) T n-Hexadecane (C16)	9.651	5620301	41.034 ug/ml
8) T n-Octadecane (C18)	11.089	5765095	42.155 ug/ml
10) T n-Eicosane (C20)	12.395	5873419	45.081 ug/ml
11) T n-Heneicosane (C21)	13.004	5603063	43.826 ug/ml
13) T n-Docosane (C22)	13.589	5572672	44.218 ug/ml
14) T n-Tetracosane (C24)	14.648	11293903	90.804 ug/mlm
15) T n-Hexacosane (C26)	15.710	5359978	44.081 ug/ml
16) T n-Octacosane (C28)	16.657	5153095	43.388 ug/ml
17) T n-Tricontane (C30)	17.544	5244881	43.574 ug/ml
18) T n-Dotriacontane (C32)	18.373	5219270	44.968 ug/ml
19) T n-Tetratriacontane (C34)	19.155	5098026	47.178 ug/ml
20) T n-Hexatriacontane (C36)	19.894	4826590	50.189 ug/ml
21) T n-Octatriacontane (C38)	20.606	4716653	52.467 ug/ml
22) T n-Tetracontane (C40)	21.457	4637140	53.596 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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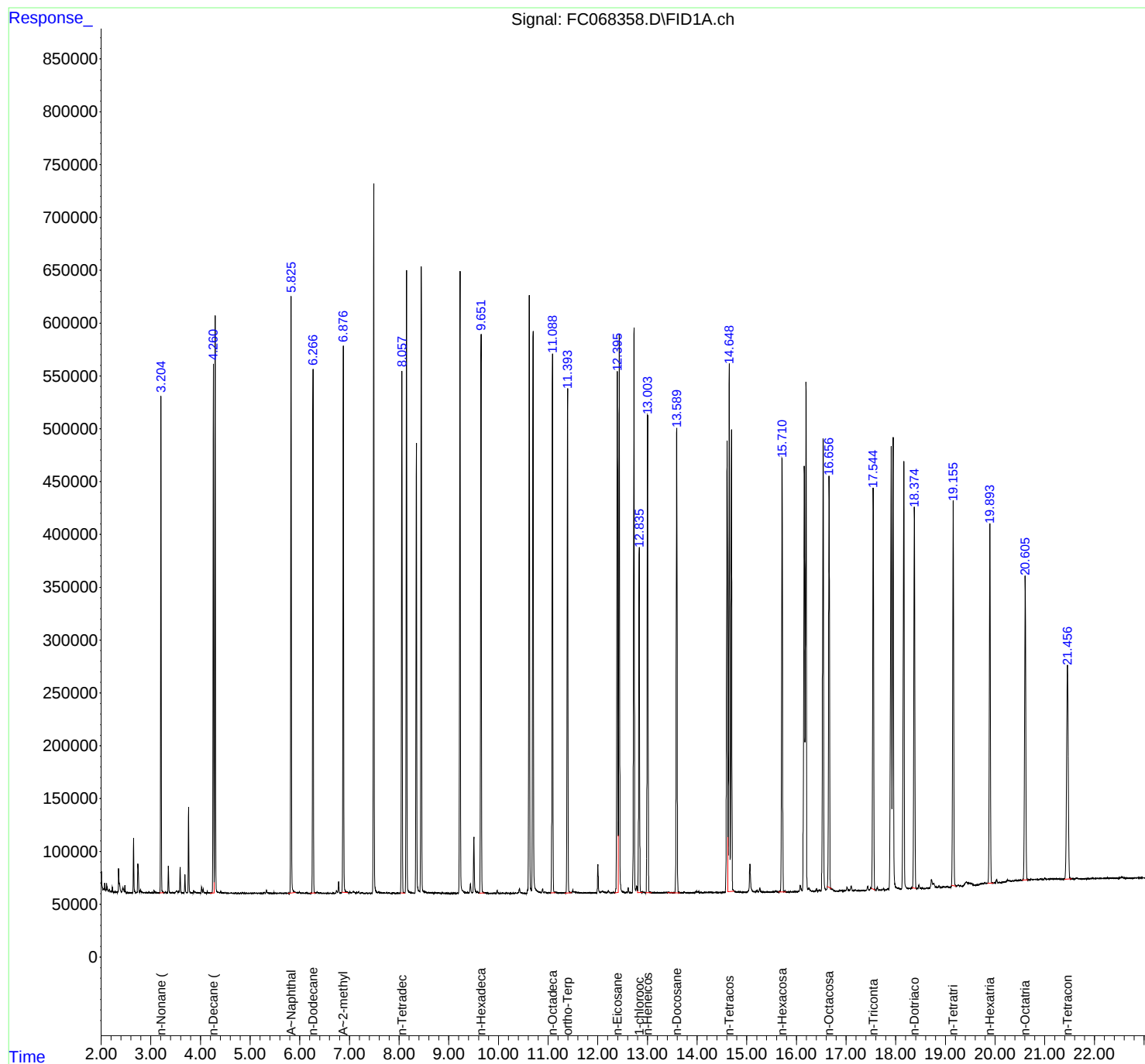
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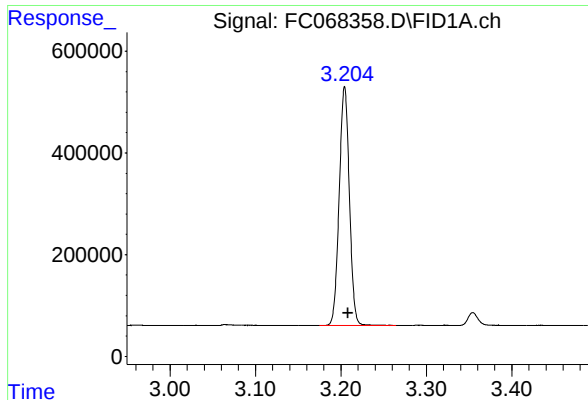
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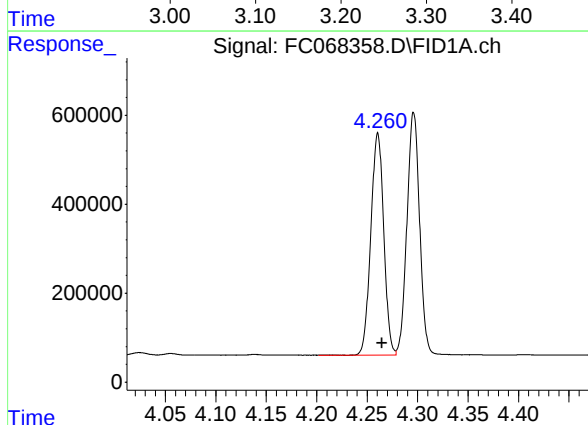
#1 n-Nonane (C9)

R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 3881494
Conc: 27.59 ug/ml

Instrument :
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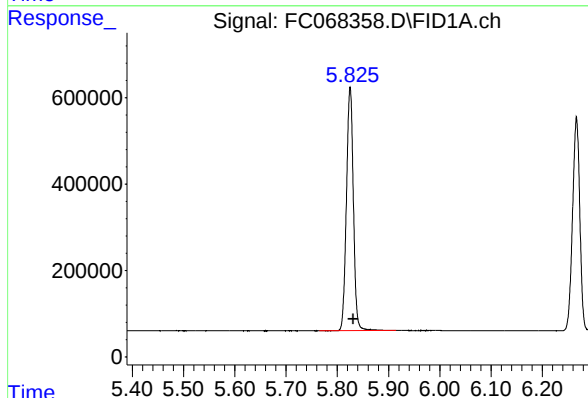
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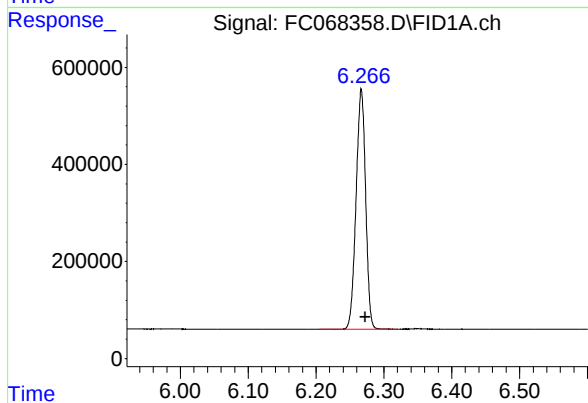
#2 n-Decane (C10)

R.T.: 4.260 min
Delta R.T.: -0.005 min
Response: 4458618
Conc: 31.47 ug/ml



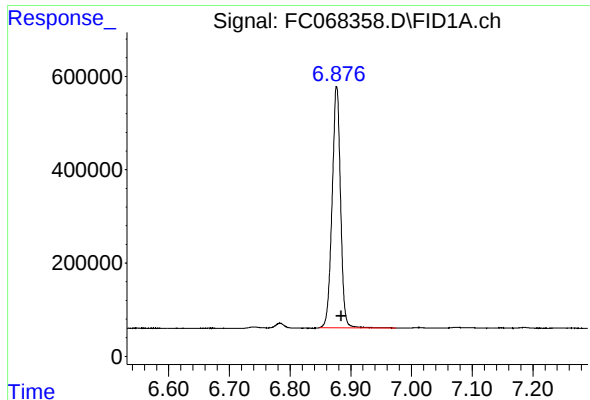
#3 A~Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: -0.007 min
Response: 5290134
Conc: 34.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.006 min
Response: 4839593
Conc: 34.38 ug/ml



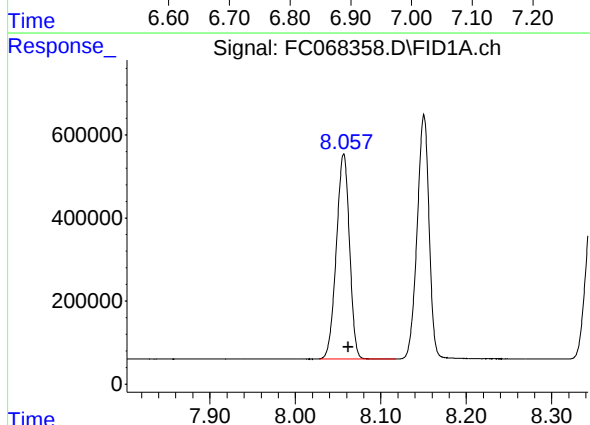
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 4996453
Conc: 34.50 ug/ml

Instrument :
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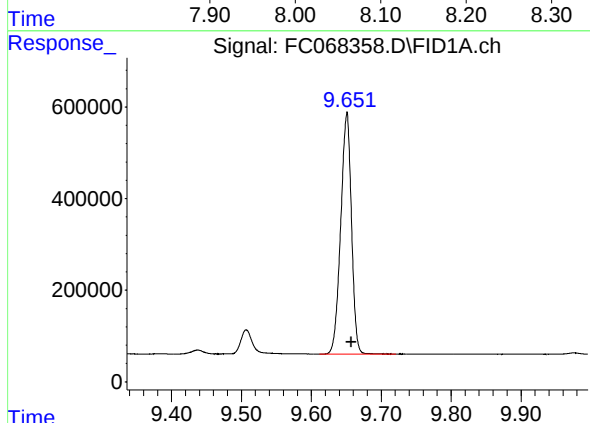
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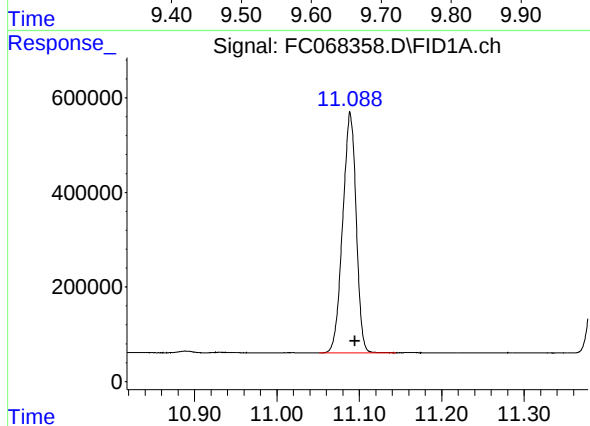
#6 n-Tetradecane (C14)

R.T.: 8.056 min
Delta R.T.: -0.005 min
Response: 5274985
Conc: 38.69 ug/ml



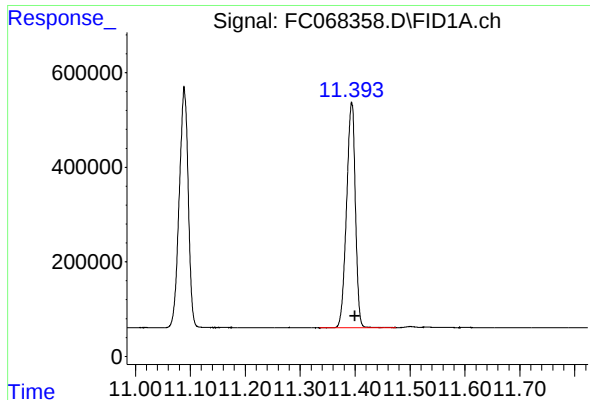
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.007 min
Response: 5620301
Conc: 41.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: -0.006 min
Response: 5765095
Conc: 42.16 ug/ml



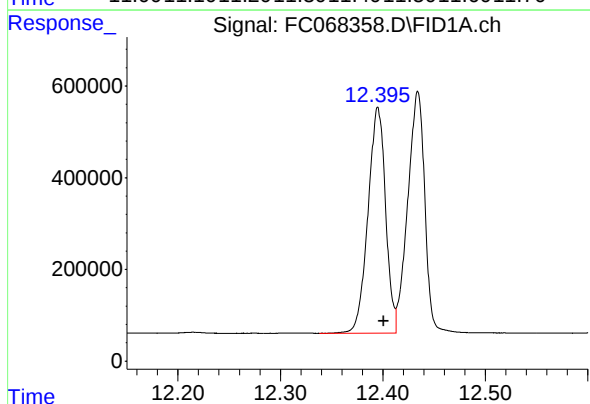
#9 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: -0.006 min
Response: 5312647
Conc: 34.62 ug/ml

Instrument :
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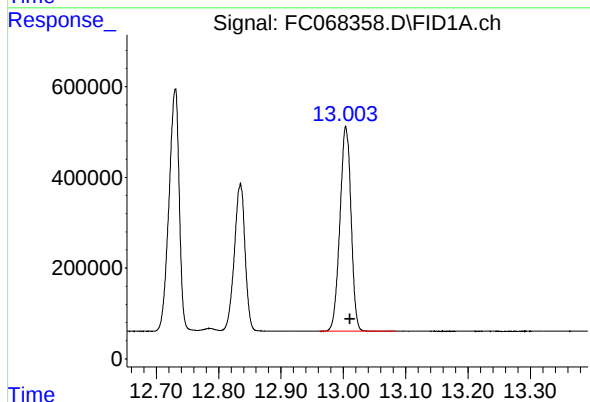
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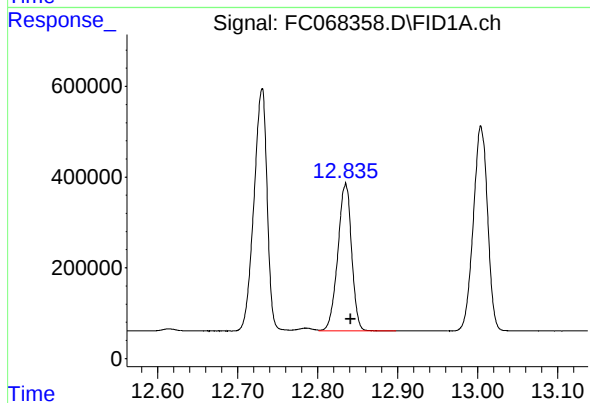
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 5873419
Conc: 45.08 ug/ml



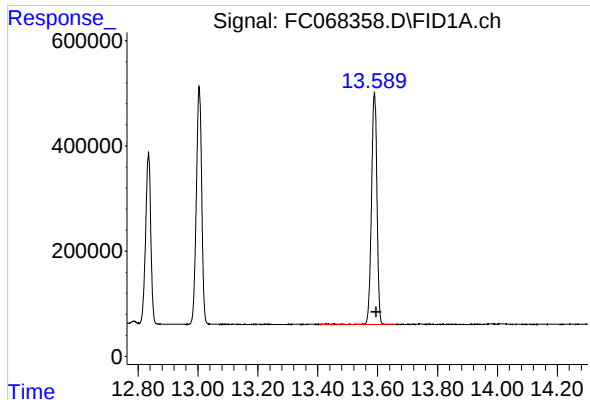
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: -0.007 min
Response: 5603063
Conc: 43.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: -0.007 min
Response: 3888815
Conc: 34.58 ug/ml



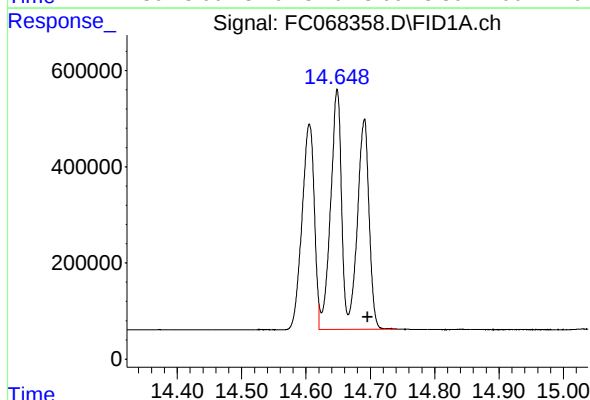
#13 n-Docosane (C22)

R.T.: 13.589 min
Delta R.T.: -0.007 min
Response: 5572672
Conc: 44.22 ug/ml

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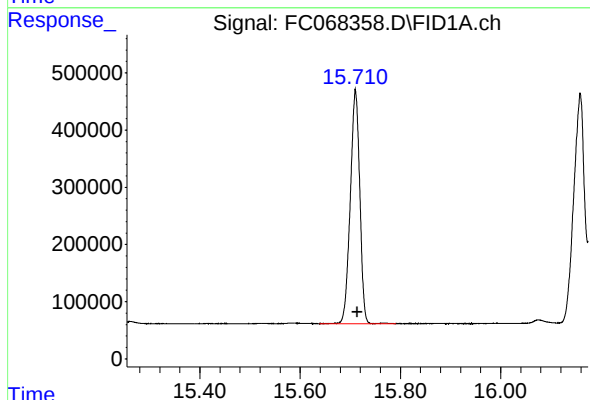
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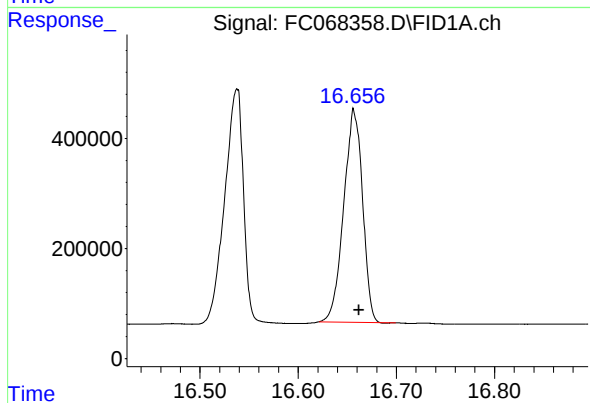
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.048 min
Response: 11293903
Conc: 90.80 ug/ml m



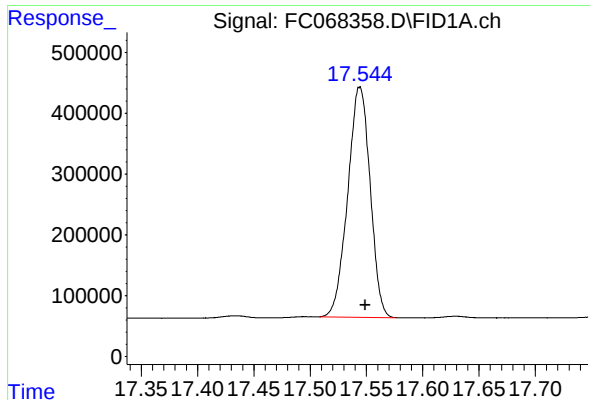
#15 n-Hexacosane (C26)

R.T.: 15.710 min
Delta R.T.: -0.004 min
Response: 5359978
Conc: 44.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.657 min
Delta R.T.: -0.005 min
Response: 5153095
Conc: 43.39 ug/ml



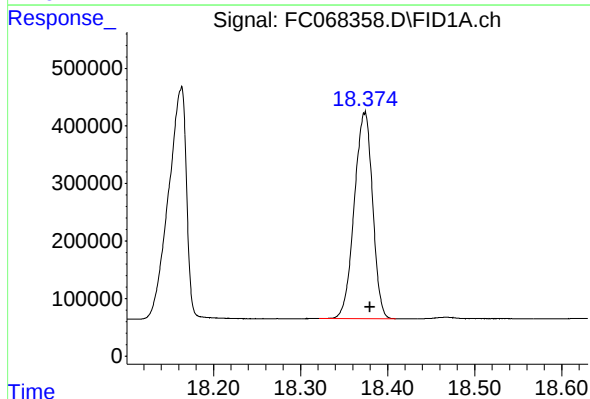
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: -0.005 min
Response: 5244881
Conc: 43.57 ug/ml

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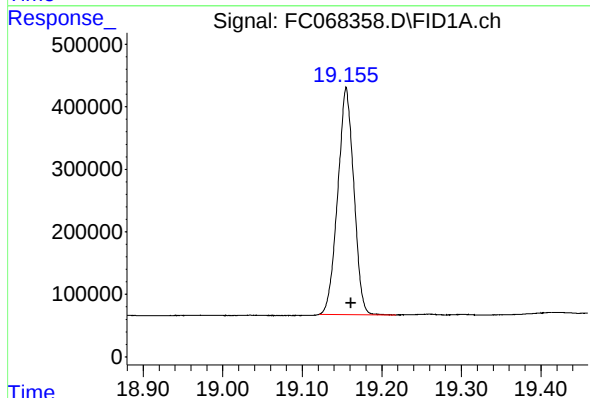
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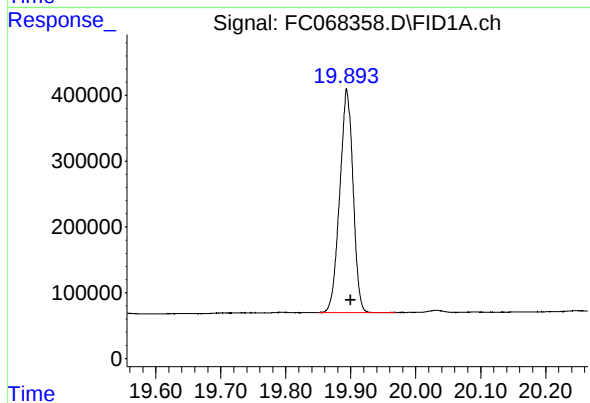
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: -0.007 min
Response: 5219270
Conc: 44.97 ug/ml



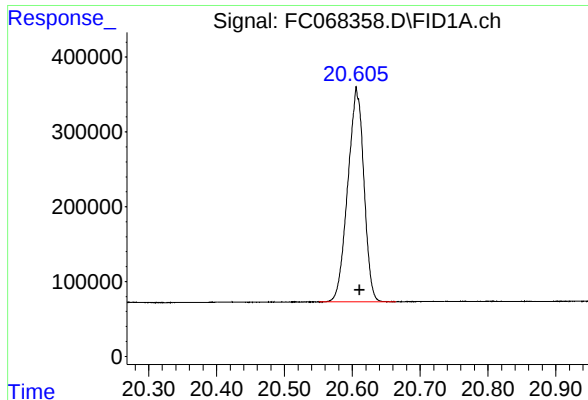
#19 n-Tetratriacontane (C34)

R.T.: 19.155 min
Delta R.T.: -0.006 min
Response: 5098026
Conc: 47.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.894 min
Delta R.T.: -0.006 min
Response: 4826590
Conc: 50.19 ug/ml



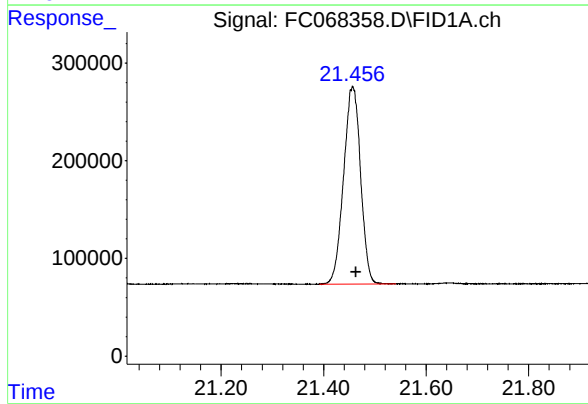
#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.005 min
Response: 4716653
Conc: 52.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.457 min
Delta R.T.: -0.006 min
Response: 4637140
Conc: 53.60 ug/ml