

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030425AL\
 Data File : FC068354.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2025 17:29
 Operator : YP/AJ
 Sample : PB166975BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166975BSD

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 04:33:14 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	5584057	36.391 ug/ml
Spiked Amount 50.000		Recovery =	72.78%
12) S 1-chlorooctadecane (S...	12.834	4195704	37.304 ug/ml
Spiked Amount 50.000		Recovery =	74.61%
Target Compounds			
1) T n-Nonane (C9)	3.210	4216538	29.973 ug/ml
2) T n-Decane (C10)	4.263	4335729	30.604 ug/ml
3) T A~Naphthalene (C11.7)	5.826	5053033	33.019 ug/ml
4) T n-Dodecane (C12)	6.267	4661392	33.116 ug/ml
5) T A~2-methylnaphthalene...	6.878	4863633	33.582 ug/ml
6) T n-Tetradecane (C14)	8.057	5147349	37.753 ug/ml
7) T n-Hexadecane (C16)	9.651	5210531	38.043 ug/ml
8) T n-Octadecane (C18)	11.089	5230489	38.246 ug/ml
10) T n-Eicosane (C20)	12.395	5283538	40.553 ug/ml
11) T n-Heneicosane (C21)	13.005	5039841	39.421 ug/ml
13) T n-Docosane (C22)	13.590	5000989	39.682 ug/ml
14) T n-Tetracosane (C24)	14.648	10242612	82.351 ug/mlm
15) T n-Hexacosane (C26)	15.711	4824402	39.677 ug/ml
16) T n-Octacosane (C28)	16.656	4671999	39.337 ug/ml
17) T n-Tricontane (C30)	17.544	4748954	39.454 ug/ml
18) T n-Dotriacontane (C32)	18.373	4708538	40.567 ug/ml
19) T n-Tetratriacontane (C34)	19.157	4633622	42.881 ug/ml
20) T n-Hexatriacontane (C36)	19.895	4462445	46.402 ug/ml
21) T n-Octatriacontane (C38)	20.606	4368950	48.599 ug/ml
22) T n-Tetracontane (C40)	21.456	4230093	48.891 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

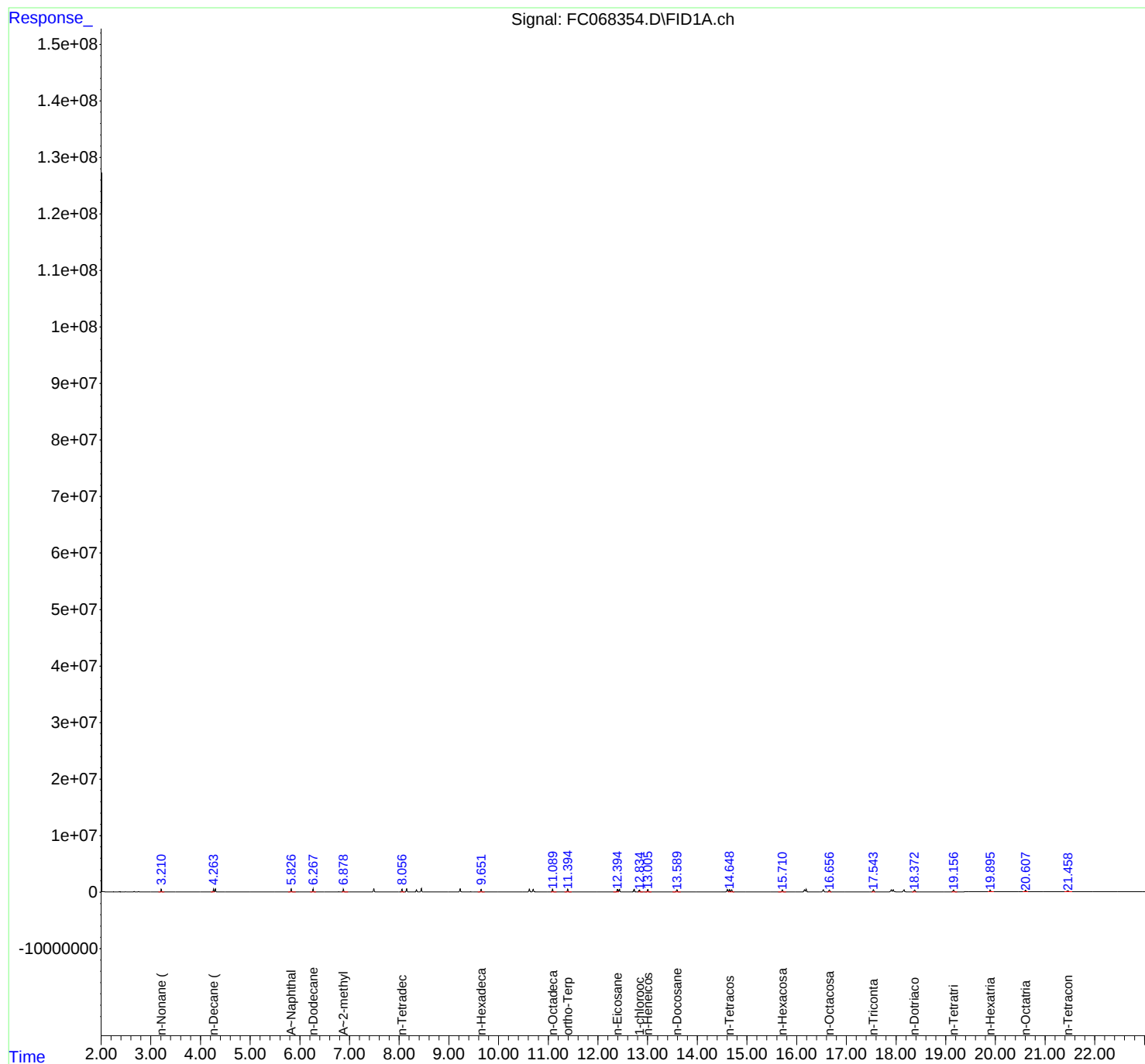
Instrument :
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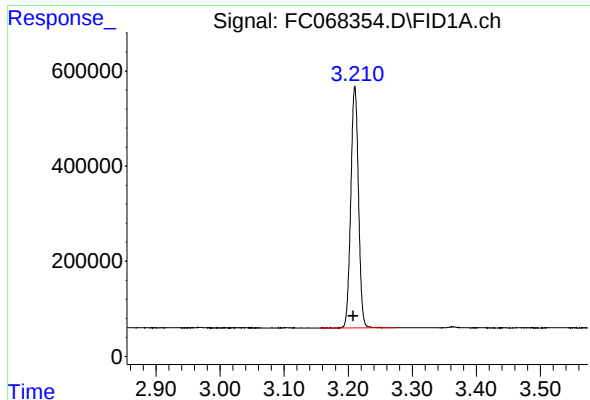
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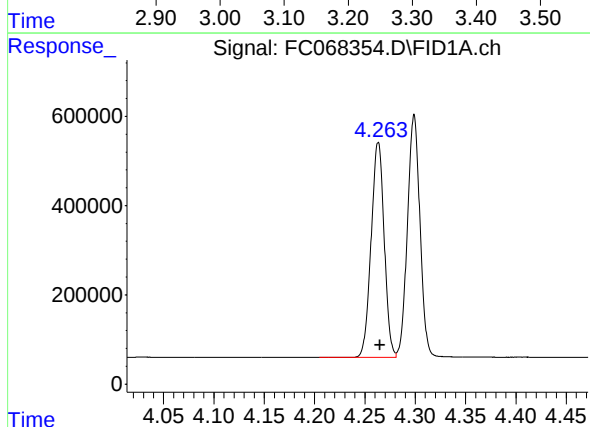
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 4216538
Conc: 29.97 ug/ml

Instrument :
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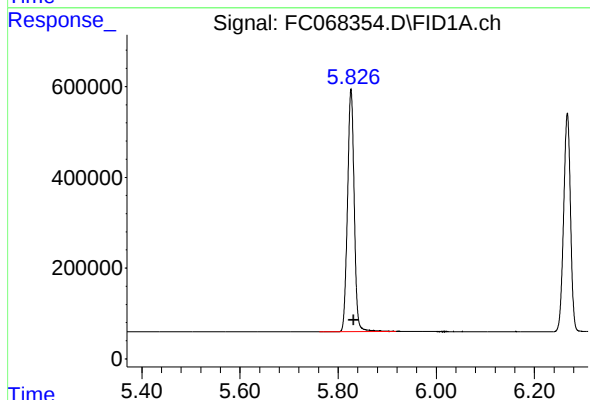
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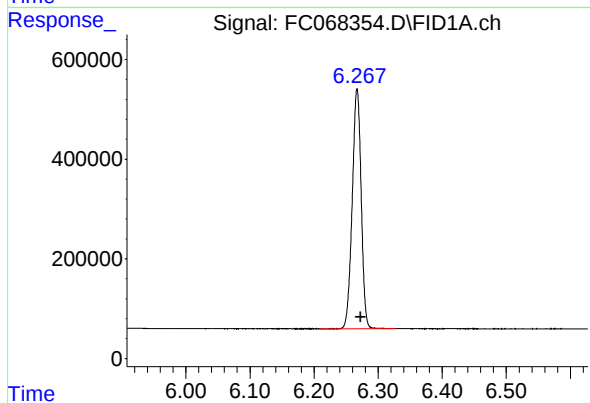
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 4335729
Conc: 30.60 ug/ml



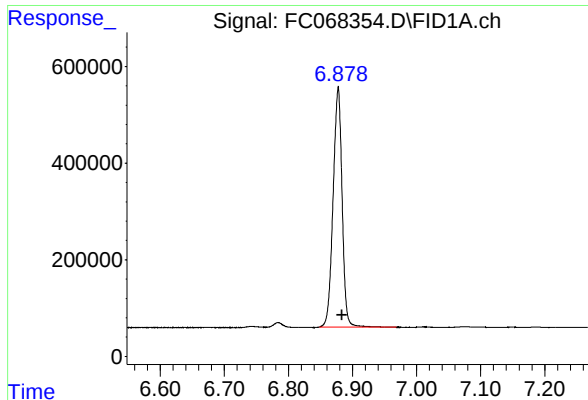
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: -0.005 min
Response: 5053033
Conc: 33.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.006 min
Response: 4661392
Conc: 33.12 ug/ml



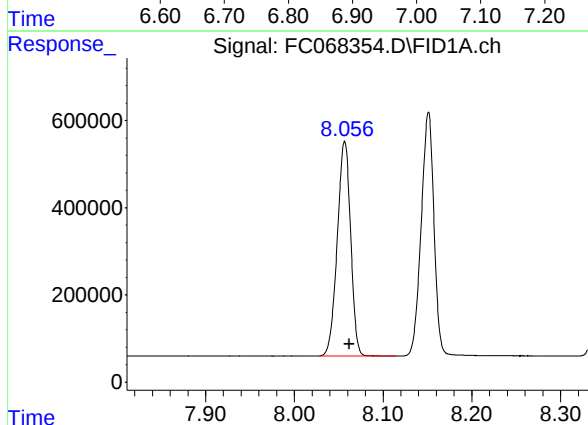
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.007 min
Response: 4863633
Conc: 33.58 ug/ml

Instrument :
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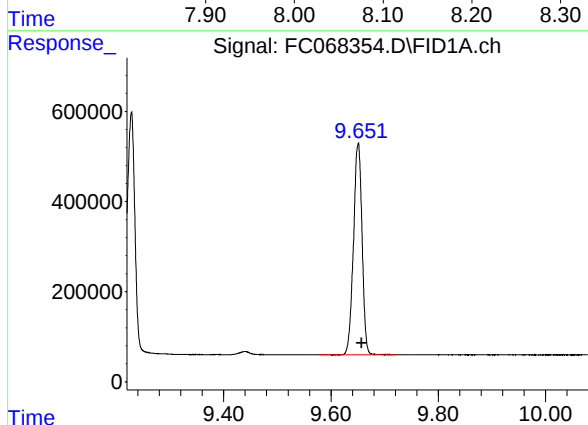
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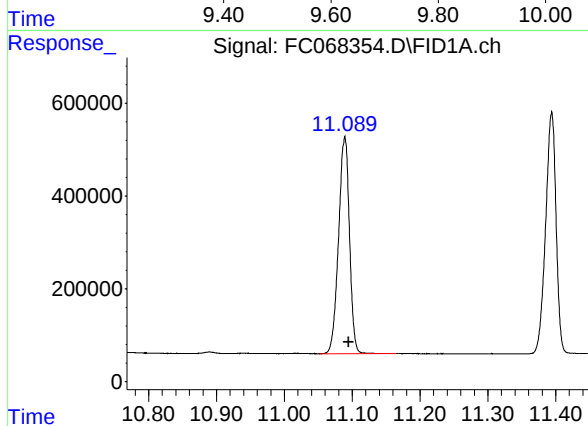
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 5147349
Conc: 37.75 ug/ml



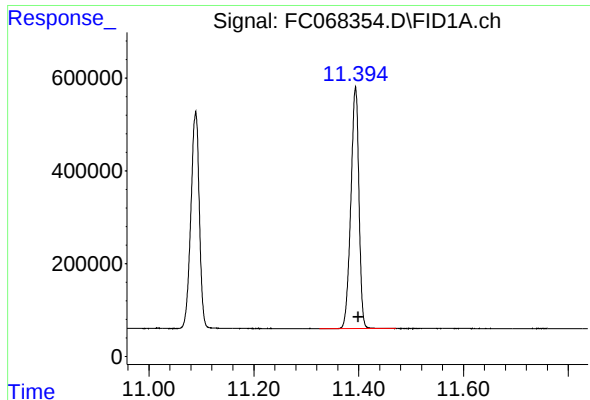
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: -0.007 min
Response: 5210531
Conc: 38.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.089 min
Delta R.T.: -0.006 min
Response: 5230489
Conc: 38.25 ug/ml



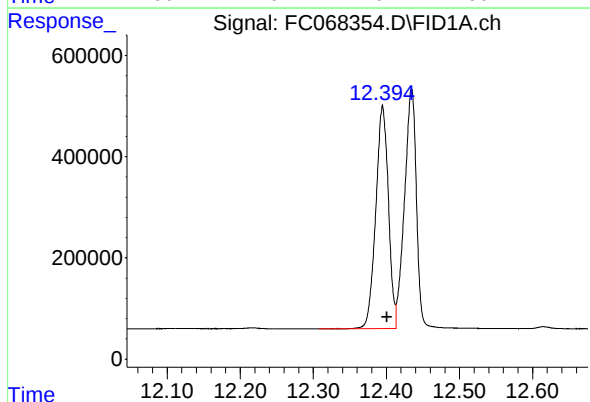
#9 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: -0.006 min
Response: 5584057
Conc: 36.39 ug/ml

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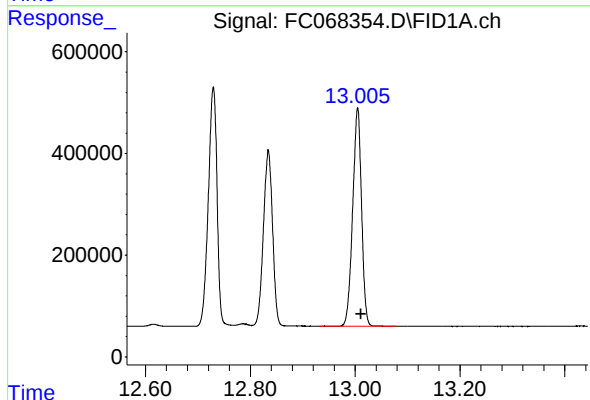
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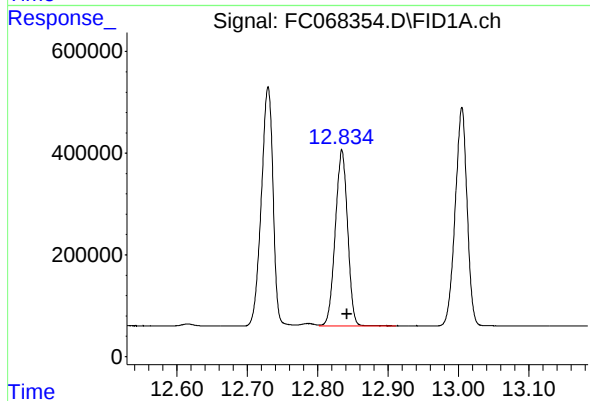
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 5283538
Conc: 40.55 ug/ml



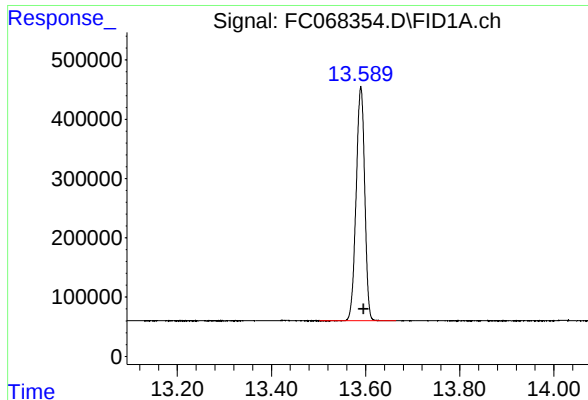
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: -0.006 min
Response: 5039841
Conc: 39.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.834 min
Delta R.T.: -0.007 min
Response: 4195704
Conc: 37.30 ug/ml



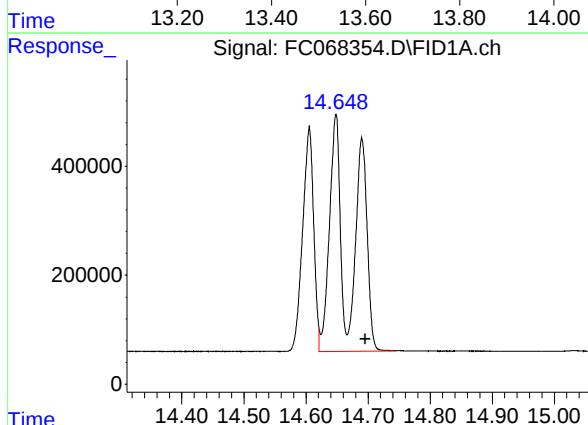
#13 n-Docosane (C22)

R.T.: 13.590 min
Delta R.T.: -0.006 min
Response: 5000989
Conc: 39.68 ug/ml

Instrument :
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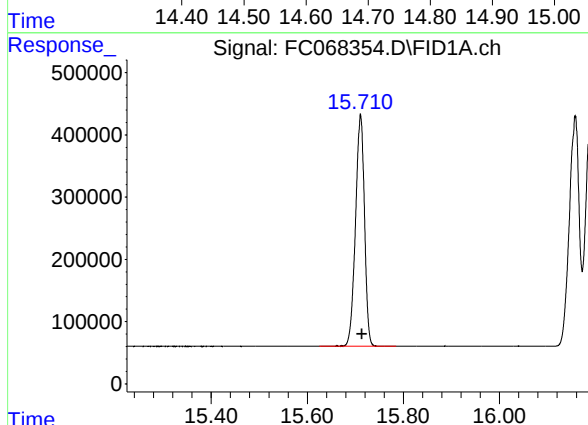
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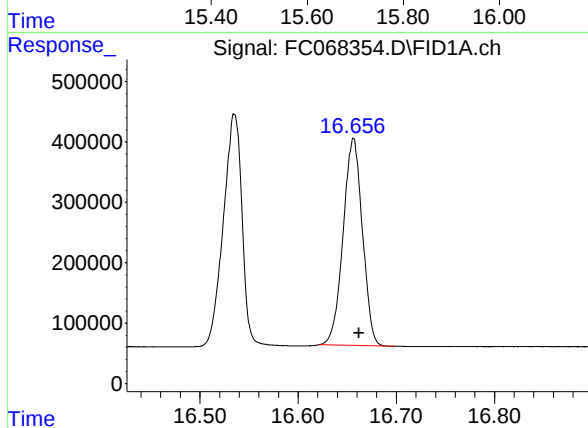
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.048 min
Response: 10242612
Conc: 82.35 ug/ml m



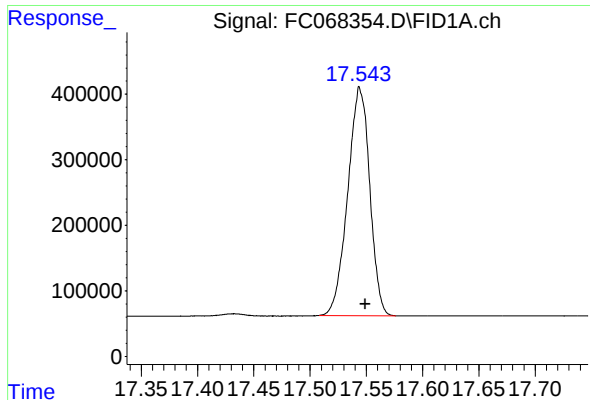
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: -0.003 min
Response: 4824402
Conc: 39.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.656 min
Delta R.T.: -0.006 min
Response: 4671999
Conc: 39.34 ug/ml



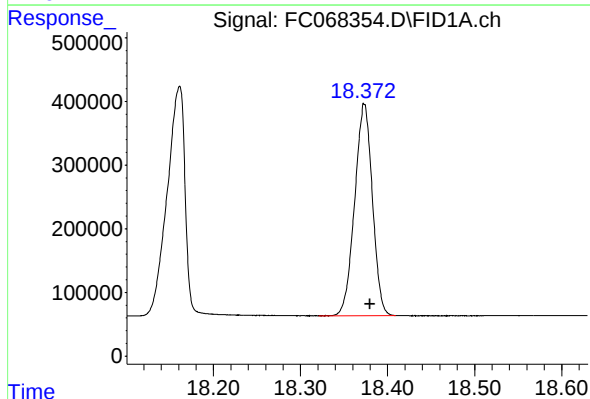
#17 n-Tricontane (C30)

R.T.: 17.544 min
Delta R.T.: -0.005 min
Response: 4748954
Conc: 39.45 ug/ml

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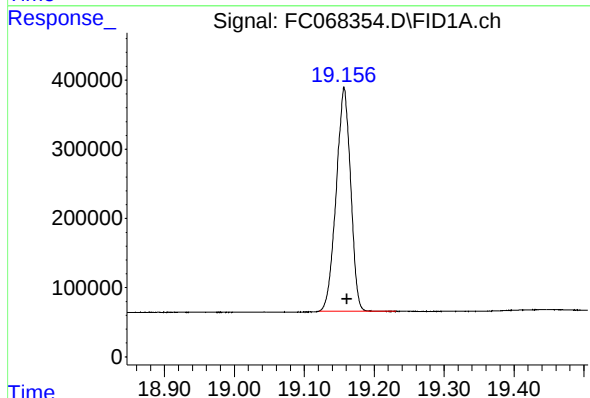
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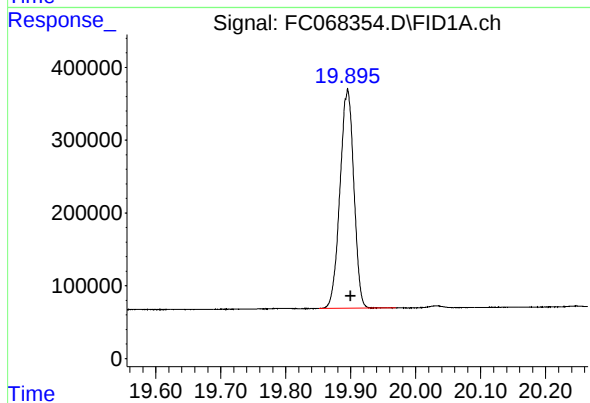
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: -0.006 min
Response: 4708538
Conc: 40.57 ug/ml



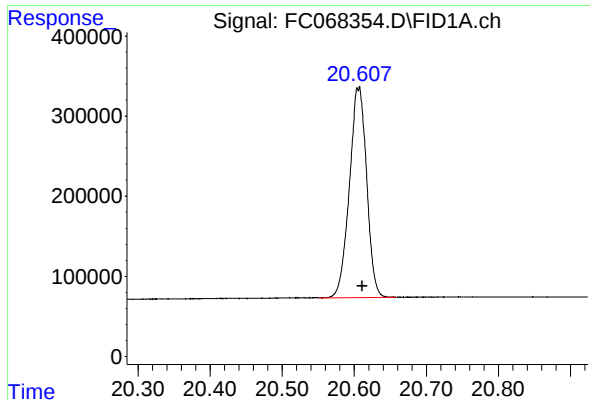
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.004 min
Response: 4633622
Conc: 42.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.895 min
Delta R.T.: -0.005 min
Response: 4462445
Conc: 46.40 ug/ml



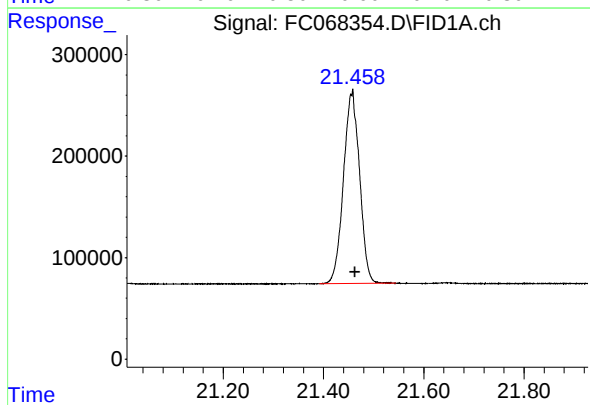
#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: -0.005 min
Response: 4368950
Conc: 48.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.456 min
Delta R.T.: -0.006 min
Response: 4230093
Conc: 48.89 ug/ml