

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068214.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 17:53
 Operator : YP/AJ
 Sample : Q1299-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 00:33:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.408	4820034	30.845 ug/ml
Spiked Amount 50.000		Recovery =	61.69%
12) S 1-chlorooctadecane (S...	12.850	3759134	32.687 ug/ml
Spiked Amount 50.000		Recovery =	65.37%
Target Compounds			
1) T n-Nonane (C9)	3.214	3749311	27.381 ug/ml
2) T n-Decane (C10)	4.271	4131942	29.762 ug/mlm
3) T A~Naphthalene (C11.7)	5.838	4883982	32.533 ug/ml
4) T n-Dodecane (C12)	6.279	4305231	30.818 ug/ml
5) T A~2-methylnaphthalene...	6.891	4576968	31.866 ug/ml
6) T n-Tetradecane (C14)	8.069	4673632	34.245 ug/ml
7) T n-Hexadecane (C16)	9.664	4886828	35.170 ug/ml
8) T n-Octadecane (C18)	11.103	4892862	34.970 ug/ml
10) T n-Eicosane (C20)	12.450	5299647	39.608 ug/ml
11) T n-Heneicosane (C21)	13.020	4741801	36.103 ug/ml
13) T n-Docosane (C22)	13.605	4680498	36.133 ug/ml
14) T n-Tetracosane (C24)	14.663	9645788	75.131 ug/mlm
15) T n-Hexacosane (C26)	15.725	4508594	35.829 ug/ml
16) T n-Octacosane (C28)	16.673	4499821	35.978 ug/ml
17) T n-Tricontane (C30)	17.561	4485442	34.702 ug/ml
18) T n-Dotriacontane (C32)	18.390	4442915	35.540 ug/ml
19) T n-Tetratriacontane (C34)	19.173	4383234	40.408 ug/ml
20) T n-Hexatriacontane (C36)	19.912	4112986	44.444 ug/ml
21) T n-Octatriacontane (C38)	20.624	3930160	45.866 ug/ml
22) T n-Tetracontane (C40)	21.479	3745750	46.324 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M

Quant Title : GC Extractables

QLast Update : Sat Jan 25 04:31:18 2025

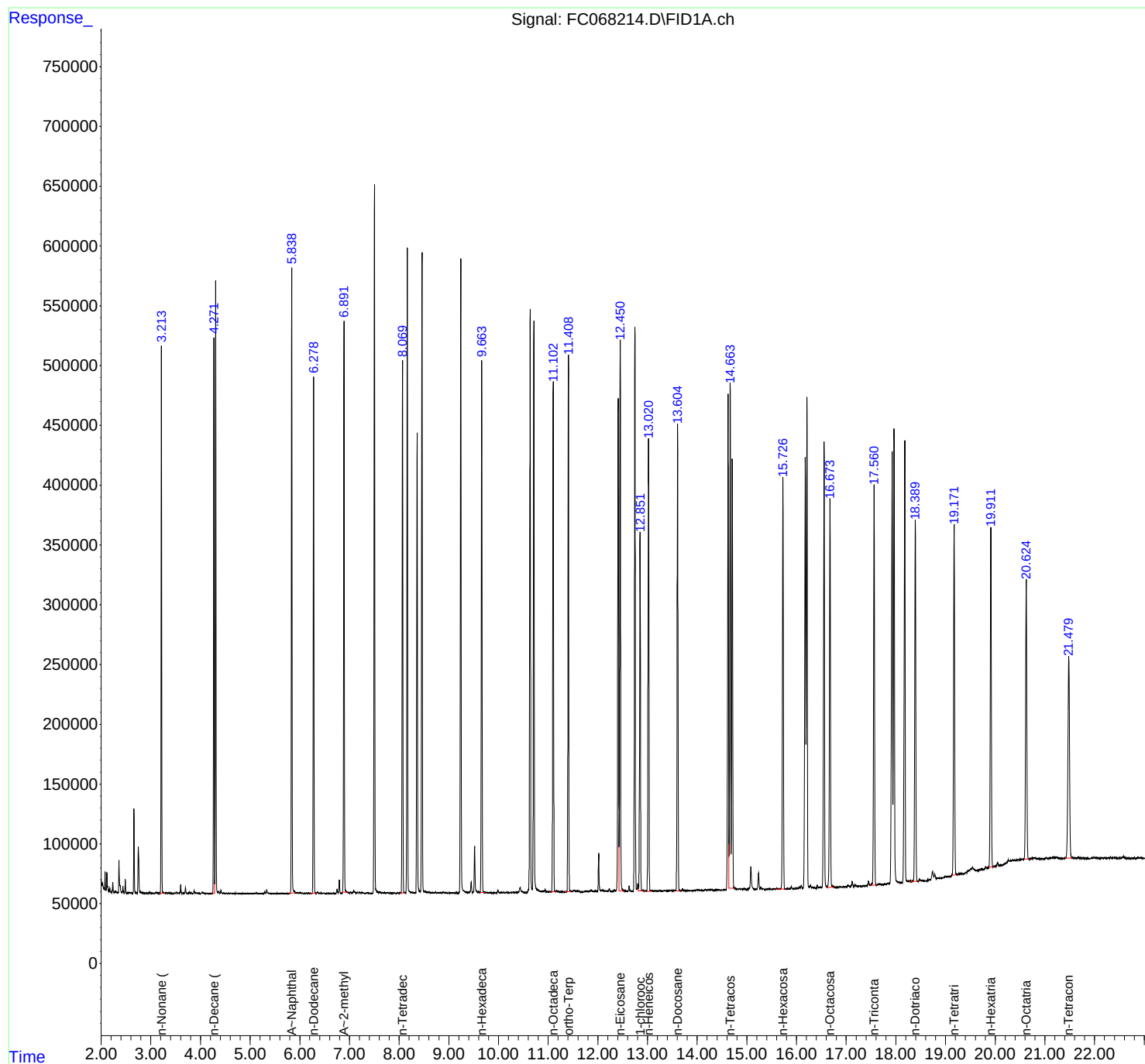
Response via : Initial Calibration

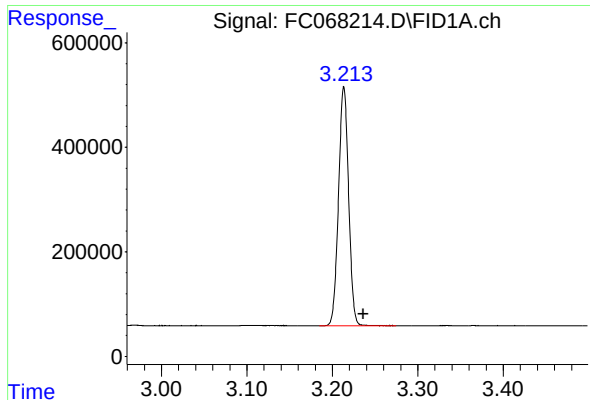
Integrator: ChemStation

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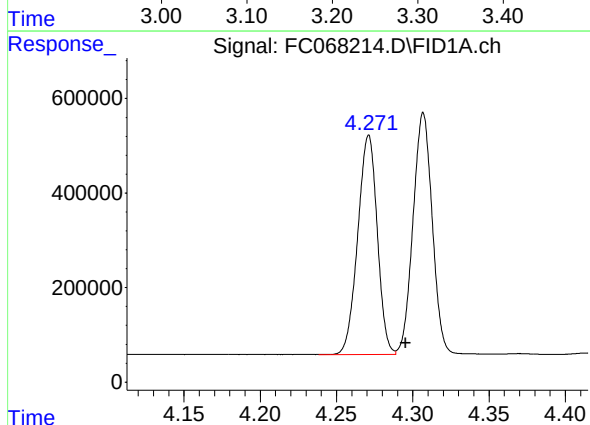
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.022 min
Response: 3749311
Conc: 27.38 ug/ml

Instrument :
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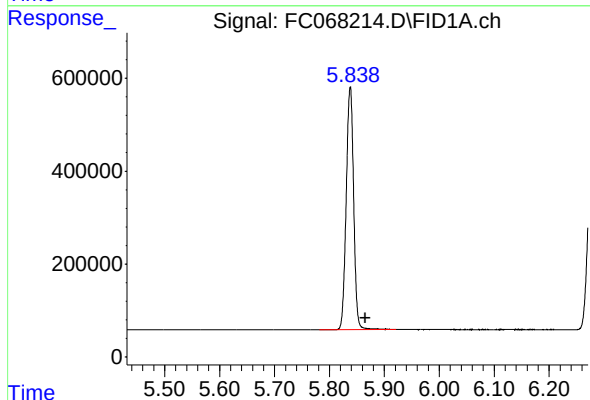
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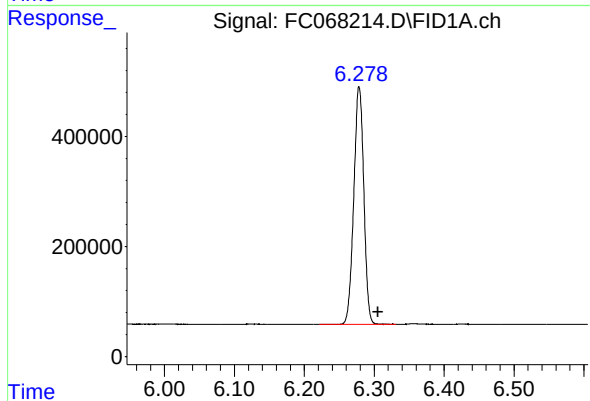
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: -0.024 min
Response: 4131942
Conc: 29.76 ug/ml m



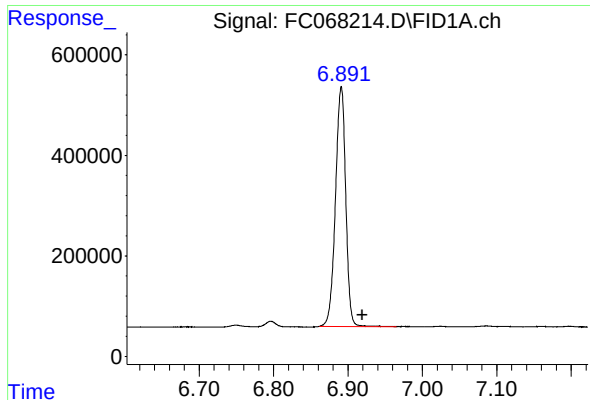
#3 A~Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.027 min
Response: 4883982
Conc: 32.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.027 min
Response: 4305231
Conc: 30.82 ug/ml



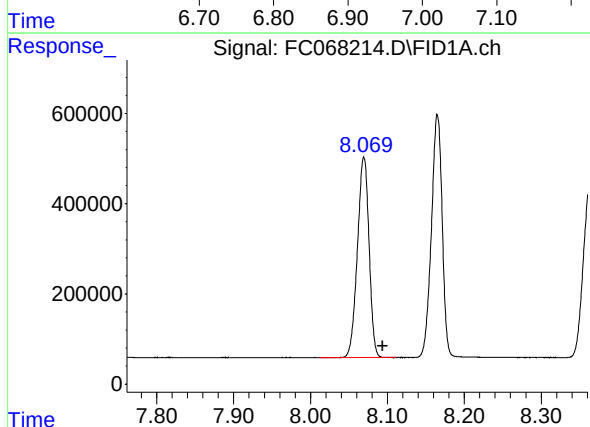
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.029 min
Response: 4576968
Conc: 31.87 ug/ml

Instrument :
FID_C
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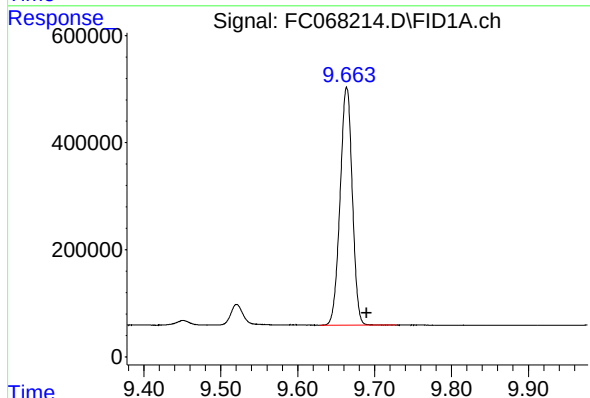
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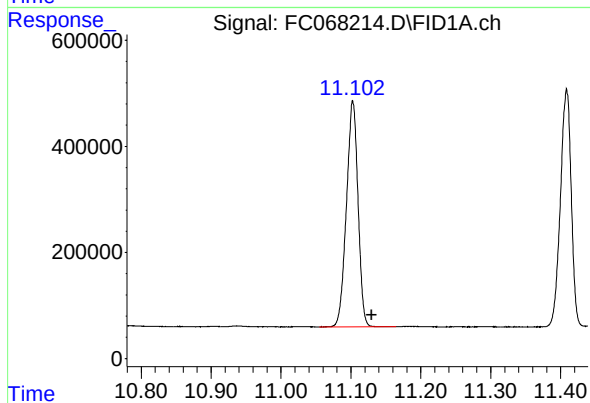
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: -0.025 min
Response: 4673632
Conc: 34.24 ug/ml



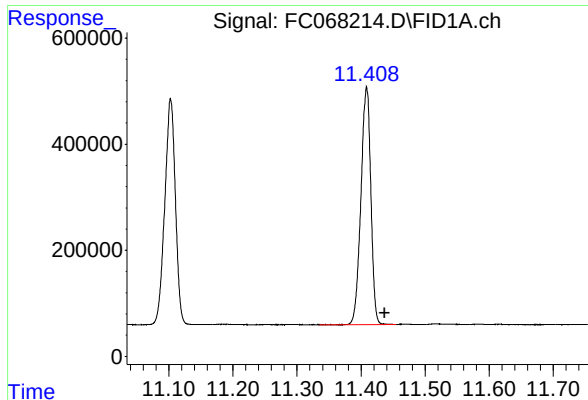
#7 n-Hexadecane (C16)

R.T.: 9.664 min
Delta R.T.: -0.026 min
Response: 4886828
Conc: 35.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.103 min
Delta R.T.: -0.027 min
Response: 4892862
Conc: 34.97 ug/ml



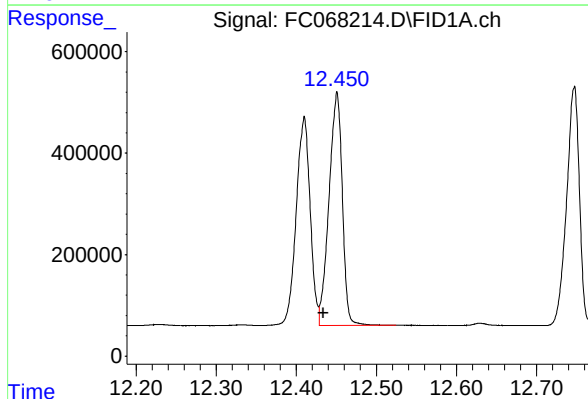
#9 ortho-Terphenyl (SURR)

R.T.: 11.408 min
Delta R.T.: -0.029 min
Response: 4820034
Conc: 30.84 ug/ml

Instrument :
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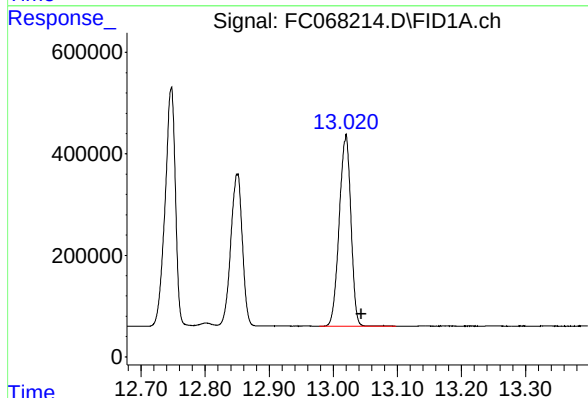
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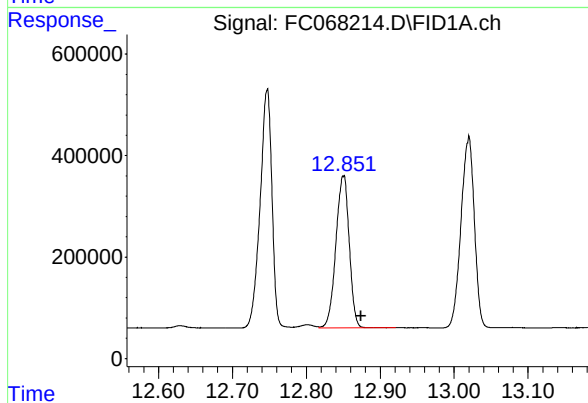
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: 0.017 min
Response: 5299647
Conc: 39.61 ug/ml



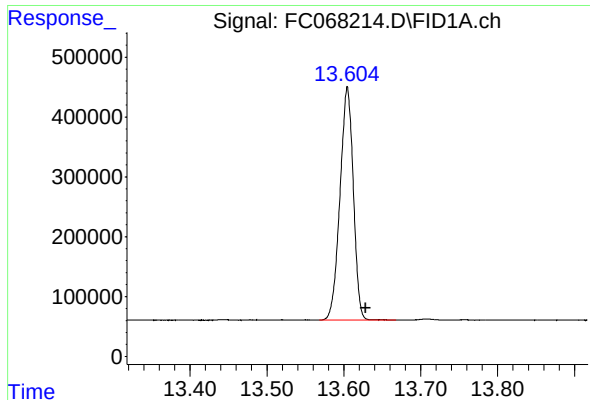
#11 n-Heneicosane (C21)

R.T.: 13.020 min
Delta R.T.: -0.024 min
Response: 4741801
Conc: 36.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.850 min
Delta R.T.: -0.024 min
Response: 3759134
Conc: 32.69 ug/ml



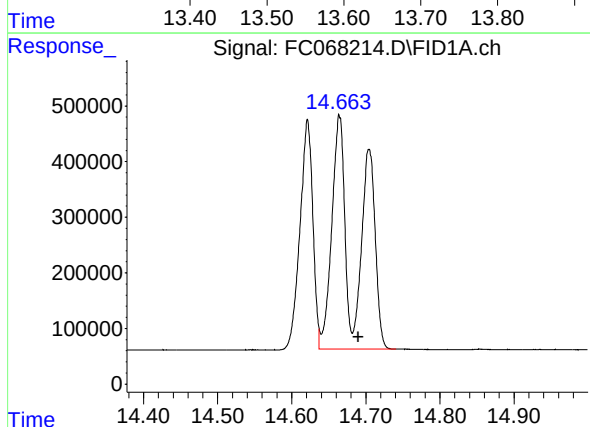
#13 n-Docosane (C22)

R.T.: 13.605 min
Delta R.T.: -0.023 min
Response: 4680498
Conc: 36.13 ug/ml

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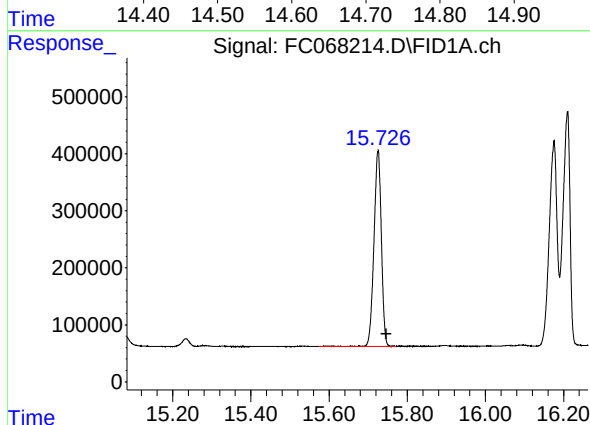
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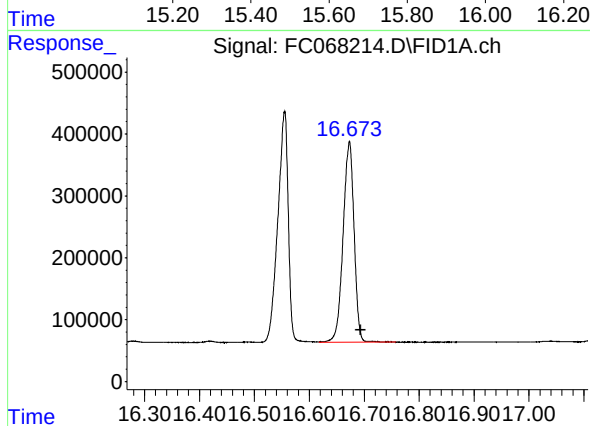
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: -0.027 min
Response: 9645788
Conc: 75.13 ug/ml m



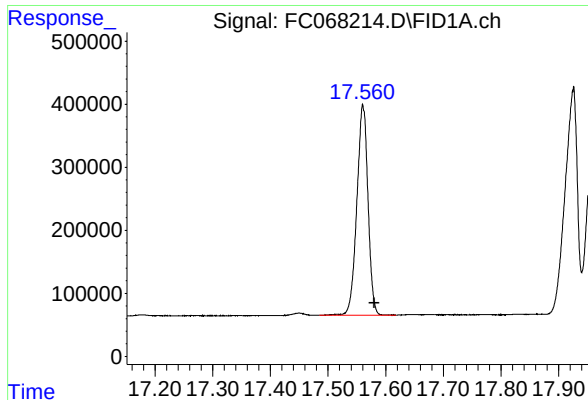
#15 n-Hexacosane (C26)

R.T.: 15.725 min
Delta R.T.: -0.021 min
Response: 4508594
Conc: 35.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.673 min
Delta R.T.: -0.021 min
Response: 4499821
Conc: 35.98 ug/ml



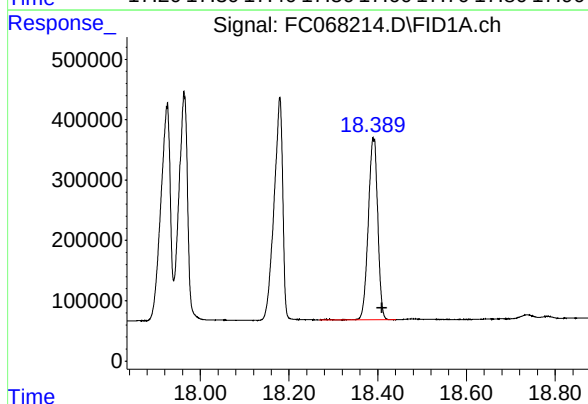
#17 n-Tricontane (C30)

R.T.: 17.561 min
Delta R.T.: -0.020 min
Response: 4485442
Conc: 34.70 ug/ml

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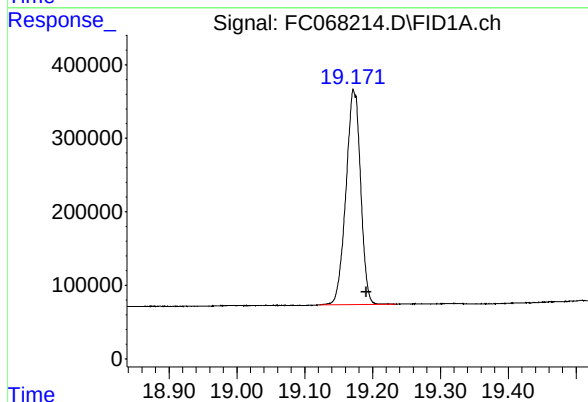
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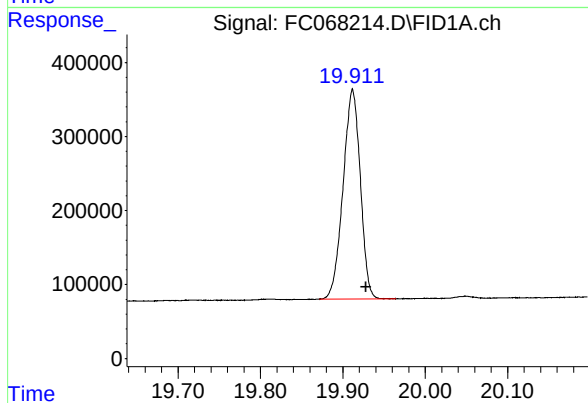
#18 n-Dotriacontane (C32)

R.T.: 18.390 min
Delta R.T.: -0.020 min
Response: 4442915
Conc: 35.54 ug/ml



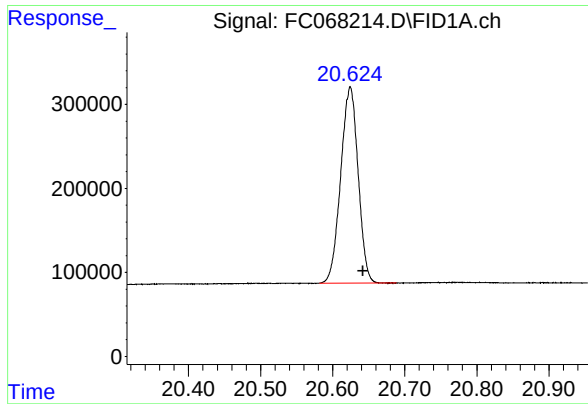
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.018 min
Response: 4383234
Conc: 40.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: -0.017 min
Response: 4112986
Conc: 44.44 ug/ml



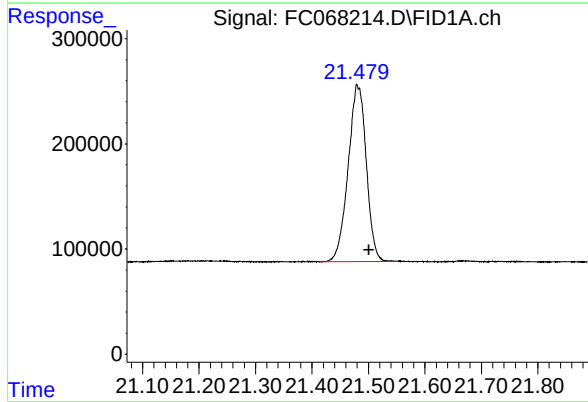
#21 n-Octatriacontane (C38)

R.T.: 20.624 min
Delta R.T.: -0.018 min
Response: 3930160
Conc: 45.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.023 min
Response: 3745750
Conc: 46.32 ug/ml m