

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020625AL\
 Data File : FC068209.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 14:50
 Operator : YP/AJ
 Sample : PB166589BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166589BS

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 00:31:55 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)	11.410	5969393	38.200 ug/ml
Spiked Amount 50.000		Recovery =	76.40%
12) S 1-chlorooctadecane (S...	12.851	4697728	40.849 ug/ml
Spiked Amount 50.000		Recovery =	81.70%
Target Compounds			
1) T n-Nonane (C9)	3.221	5436328	39.701 ug/ml
2) T n-Decane (C10)	4.275	5702338	41.074 ug/mlm
3) T A~Naphthalene (C11.7)	5.840	6551748	43.642 ug/ml
4) T n-Dodecane (C12)	6.281	5701927	40.816 ug/ml
5) T A~2-methylnaphthalene...	6.892	5941978	41.369 ug/ml
6) T n-Tetradecane (C14)	8.071	5675467	41.585 ug/ml
7) T n-Hexadecane (C16)	9.665	5518266	39.715 ug/ml
8) T n-Octadecane (C18)	11.104	5412531	38.684 ug/ml
10) T n-Eicosane (C20)	12.452	5796109	43.319 ug/ml
11) T n-Heneicosane (C21)	13.020	5199992	39.592 ug/ml
13) T n-Docosane (C22)	13.605	5142195	39.697 ug/ml
14) T n-Tetracosane (C24)	14.667	10595254	82.526 ug/mlm
15) T n-Hexacosane (C26)	15.727	4925121	39.139 ug/ml
16) T n-Octacosane (C28)	16.673	4903646	39.206 ug/ml
17) T n-Tricontane (C30)	17.560	4891965	37.847 ug/ml
18) T n-Dotriacontane (C32)	18.392	4834879	38.675 ug/ml
19) T n-Tetratriacontane (C34)	19.173	4867207	44.869 ug/ml
20) T n-Hexatriacontane (C36)	19.912	4668201	50.443 ug/ml
21) T n-Octatriacontane (C38)	20.625	4609315	53.792 ug/ml
22) T n-Tetracontane (C40)	21.483	4561808	56.416 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

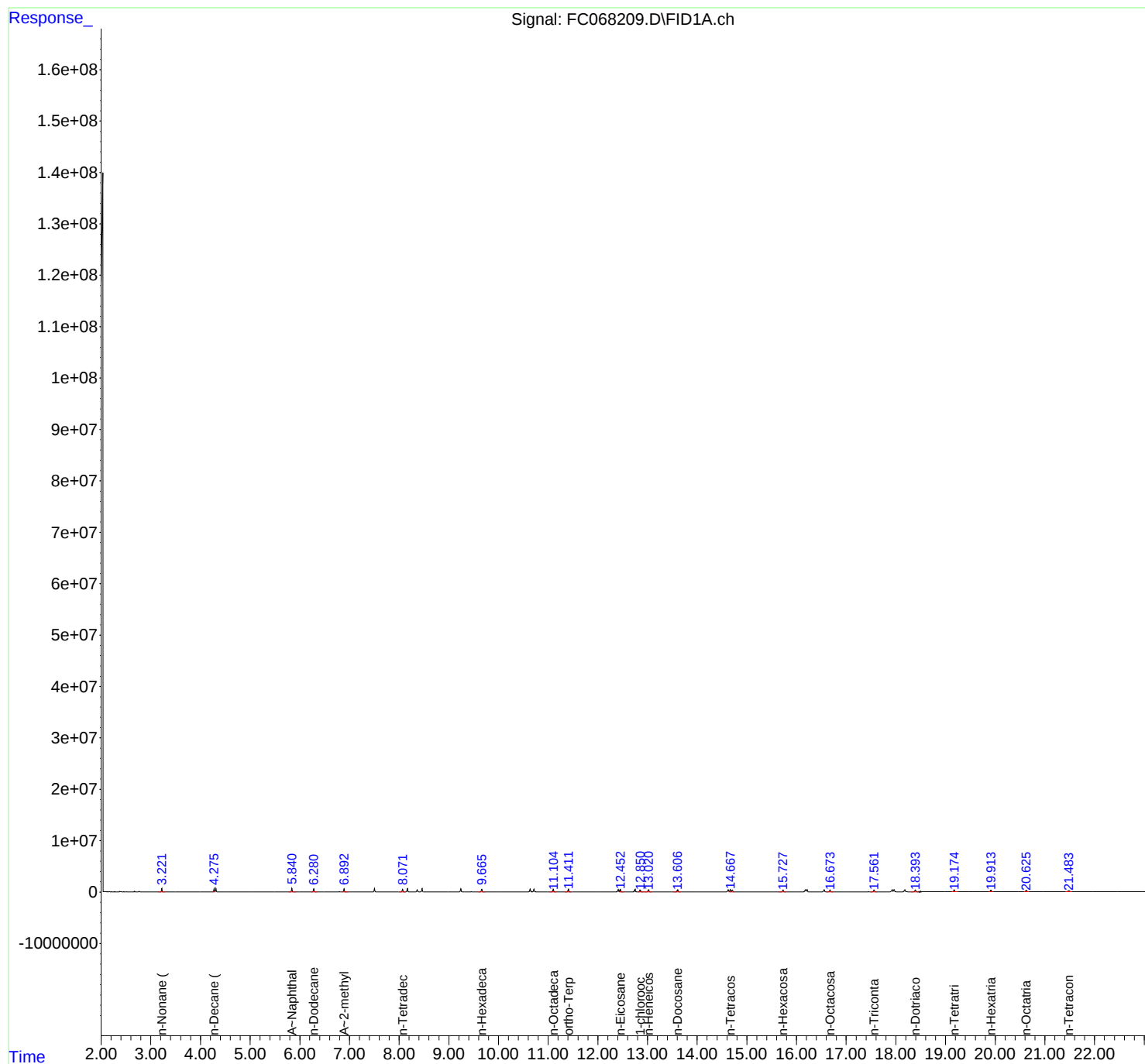
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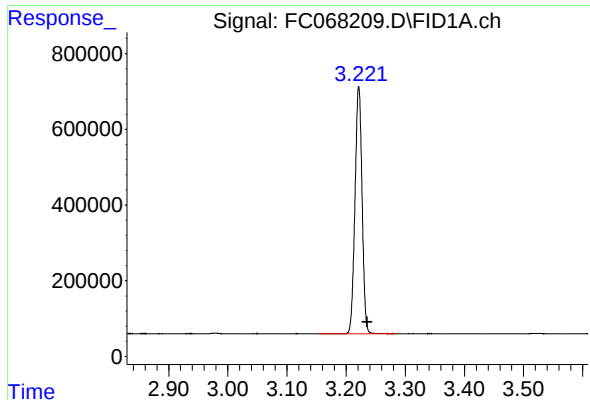
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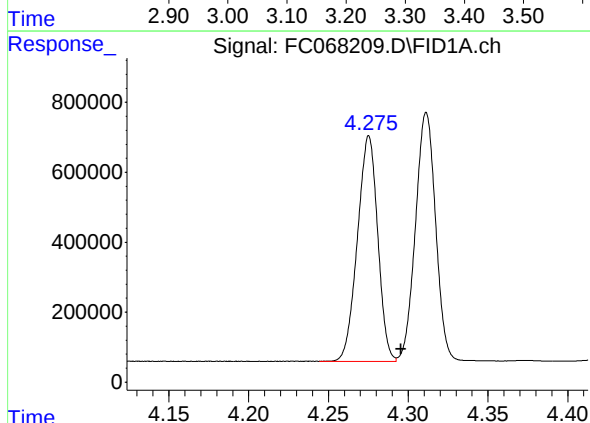
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.015 min
Response: 5436328
Conc: 39.70 ug/ml

Instrument :
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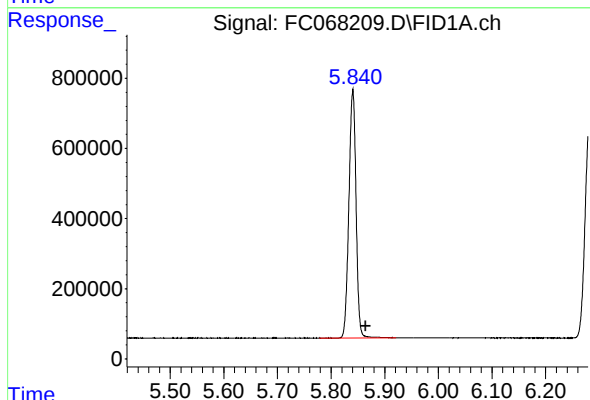
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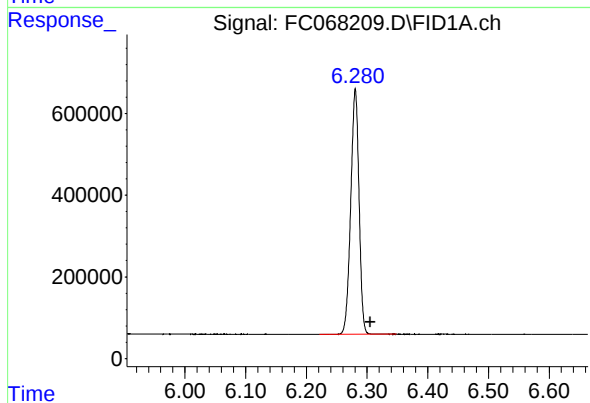
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.020 min
Response: 5702338
Conc: 41.07 ug/ml



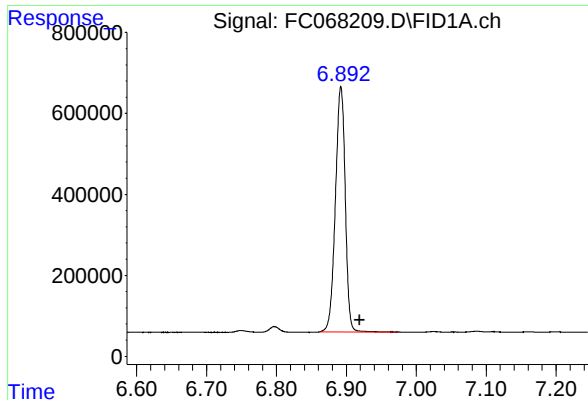
#3 A~Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.025 min
Response: 6551748
Conc: 43.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.281 min
Delta R.T.: -0.025 min
Response: 5701927
Conc: 40.82 ug/ml



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

R.T.: 6.892 min
Delta R.T.: -0.027 min
Response: 5941978
Conc: 41.37 ug/ml

Instrument :

FID_C

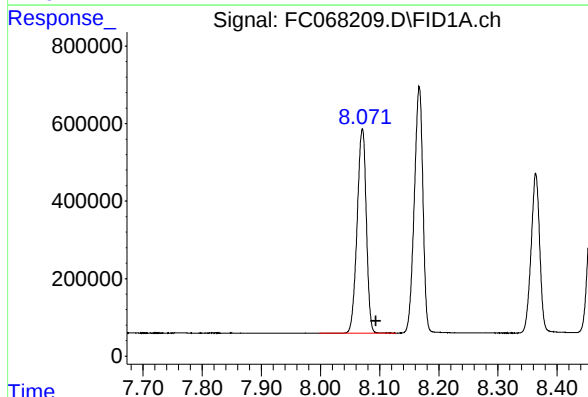
ClientSampleId :

PB166589BS

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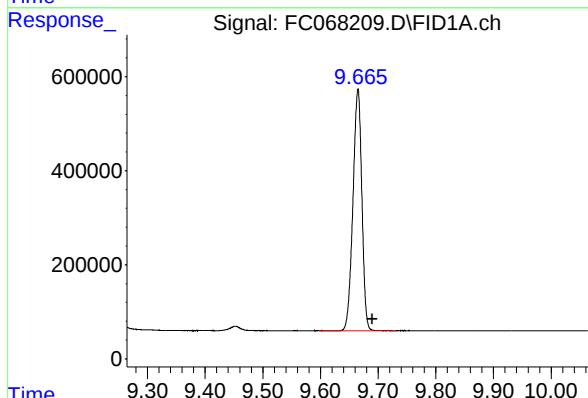
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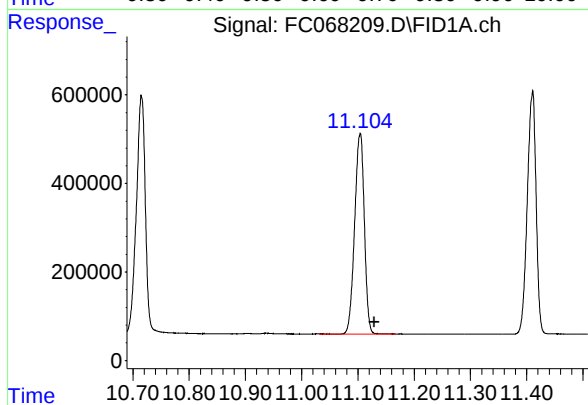
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: -0.023 min
Response: 5675467
Conc: 41.59 ug/ml



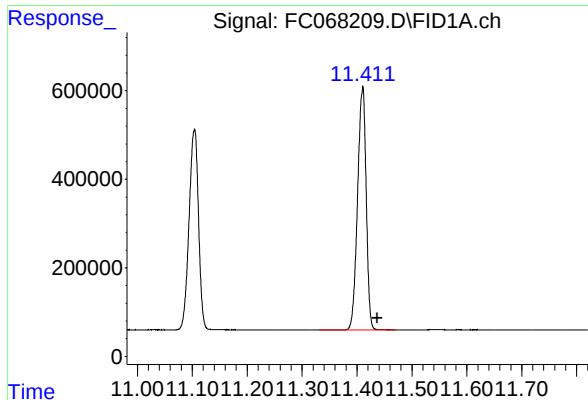
#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: -0.025 min
Response: 5518266
Conc: 39.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.104 min
Delta R.T.: -0.026 min
Response: 5412531
Conc: 38.68 ug/ml



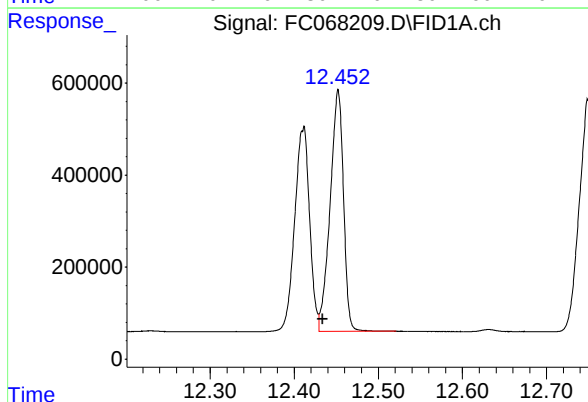
#9 ortho-Terphenyl (SURR)

R.T.: 11.410 min
Delta R.T.: -0.027 min
Response: 5969393
Conc: 38.20 ug/ml

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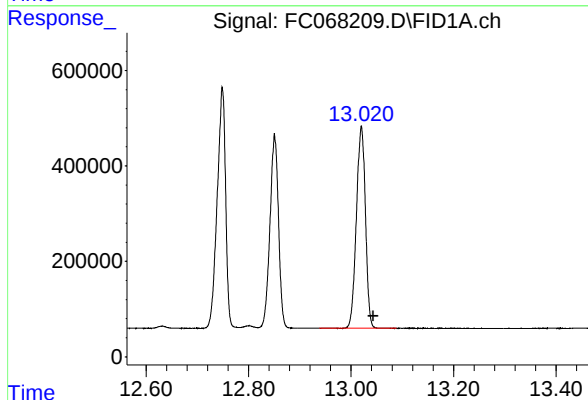
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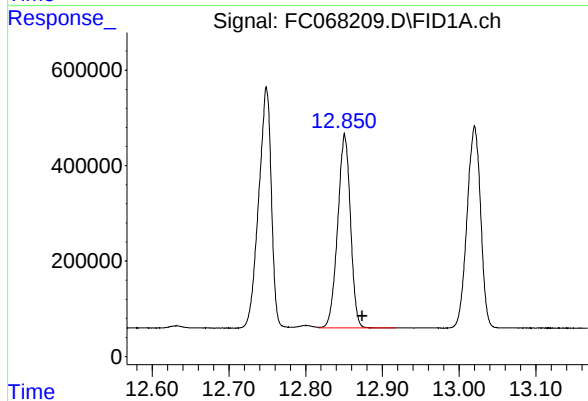
#10 n-Eicosane (C20)

R.T.: 12.452 min
Delta R.T.: 0.018 min
Response: 5796109
Conc: 43.32 ug/ml



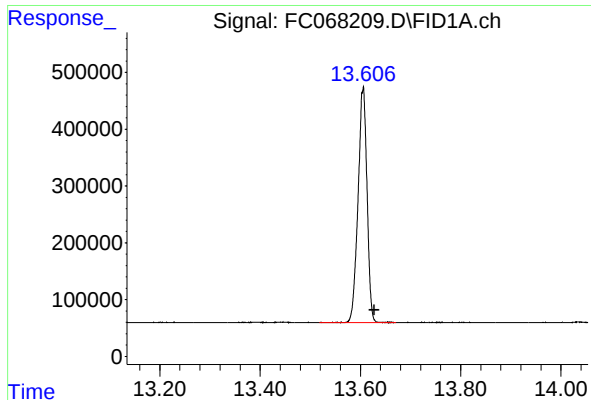
#11 n-Heneicosane (C21)

R.T.: 13.020 min
Delta R.T.: -0.024 min
Response: 5199992
Conc: 39.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.851 min
Delta R.T.: -0.023 min
Response: 4697728
Conc: 40.85 ug/ml



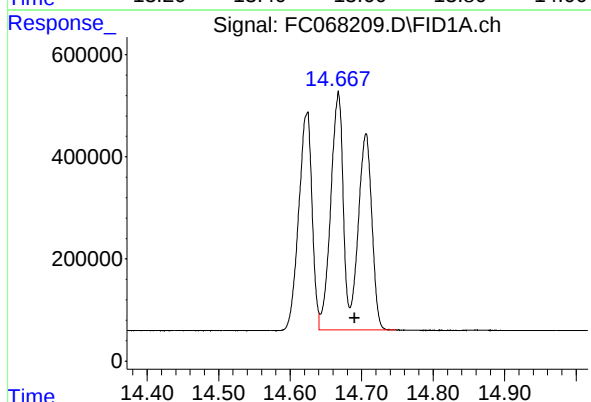
#13 n-Docosane (C22)

R.T.: 13.605 min
Delta R.T.: -0.023 min
Response: 5142195
Conc: 39.70 ug/ml

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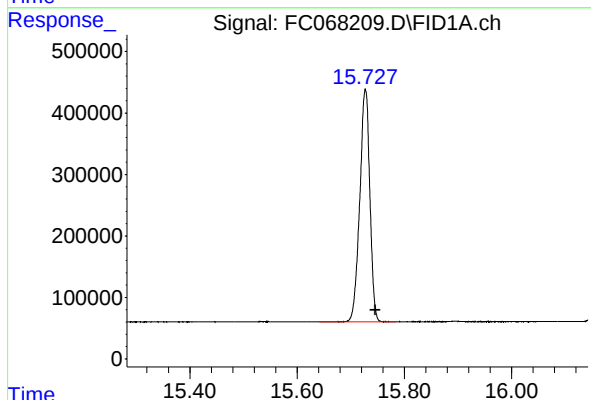
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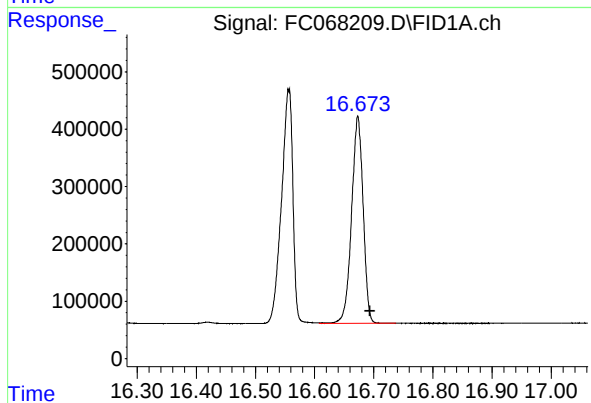
#14 n-Tetracosane (C24)

R.T.: 14.667 min
Delta R.T.: -0.023 min
Response: 10595254
Conc: 82.53 ug/ml m



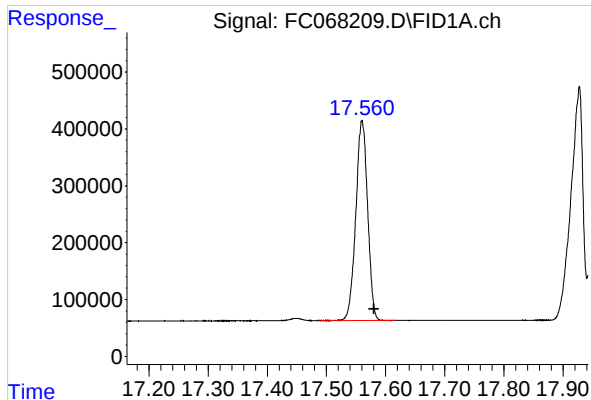
#15 n-Hexacosane (C26)

R.T.: 15.727 min
Delta R.T.: -0.019 min
Response: 4925121
Conc: 39.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.673 min
Delta R.T.: -0.020 min
Response: 4903646
Conc: 39.21 ug/ml



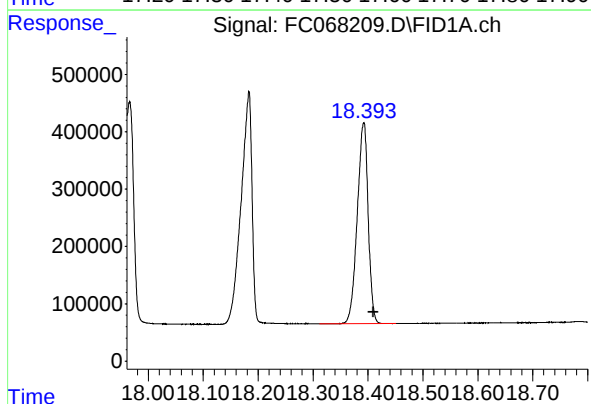
#17 n-Tricontane (C30)

R.T.: 17.560 min
Delta R.T.: -0.020 min
Response: 4891965
Conc: 37.85 ug/ml

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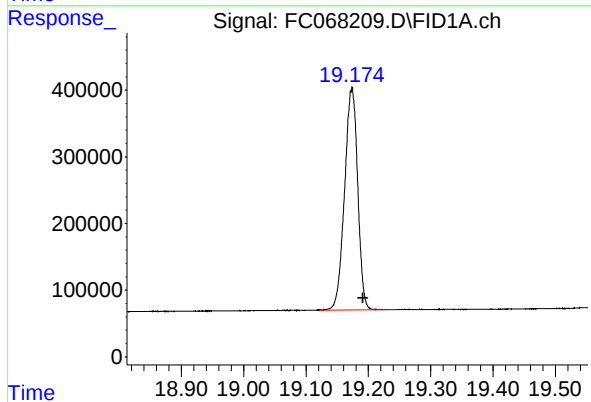
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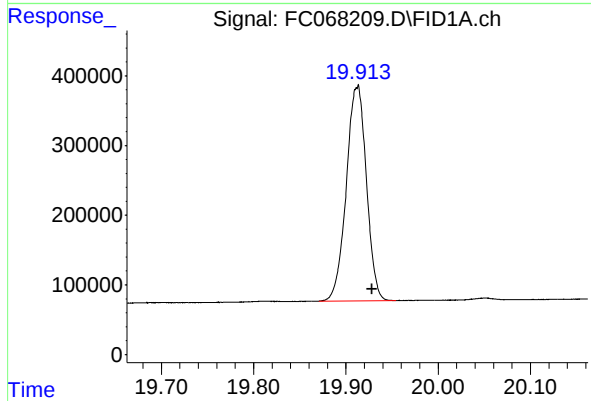
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: -0.018 min
Response: 4834879
Conc: 38.68 ug/ml



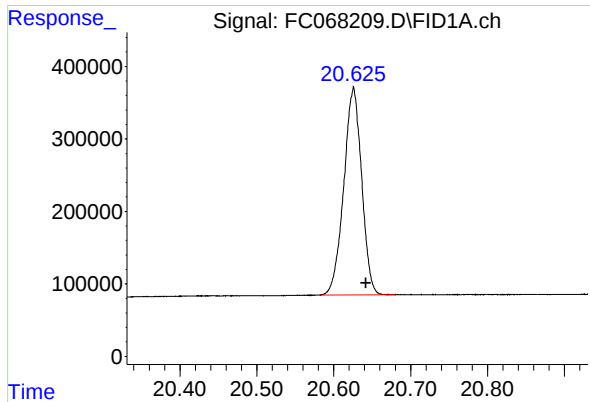
#19 n-Tetratriacontane (C34)

R.T.: 19.173 min
Delta R.T.: -0.018 min
Response: 4867207
Conc: 44.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.912 min
Delta R.T.: -0.016 min
Response: 4668201
Conc: 50.44 ug/ml



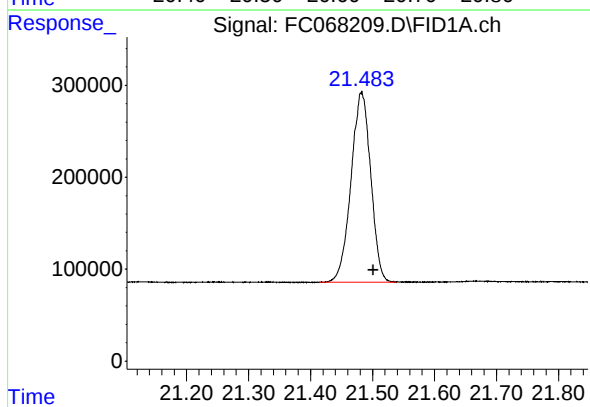
#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.017 min
Response: 4609315
Conc: 53.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.483 min
Delta R.T.: -0.019 min
Response: 4561808
Conc: 56.42 ug/ml m