

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121924AL\
 Data File : FC068047.D
 Signal(s) : FID1A.ch
 Acq On : 19 Dec 2024 15:21
 Operator : YP/AJ
 Sample : PB165749BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165749BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2024
 Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e
 Quant Time: Dec 20 08:18:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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)	11.430	6611568	38.236 ug/ml
Spiked Amount 50.000		Recovery =	76.47%
12) S 1-chlorooctadecane (S...	12.872	5279439	41.377 ug/ml
Spiked Amount 50.000		Recovery =	82.75%
Target Compounds			
1) T n-Nonane (C9)	3.229	5422212	34.899 ug/ml
2) T n-Decane (C10)	4.286	5707697	36.005 ug/mlm
3) T A~Naphthalene (C11.7)	5.854	6615421	37.893 ug/ml
4) T n-Dodecane (C12)	6.295	5839695	36.268 ug/ml
5) T A~2-methylnaphthalene...	6.908	6087430	36.332 ug/ml
6) T n-Tetradecane (C14)	8.087	5891928	37.057 ug/ml
7) T n-Hexadecane (C16)	9.683	5818501	36.016 ug/ml
8) T n-Octadecane (C18)	11.123	5705458	35.539 ug/ml
10) T n-Eicosane (C20)	12.474	5782257	38.439 ug/ml
11) T n-Heneicosane (C21)	13.041	5416973	37.073 ug/ml
13) T n-Docosane (C22)	13.626	5329910	37.234 ug/ml
14) T n-Tetracosane (C24)	14.689	10527699	75.767 ug/mlm
15) T n-Hexacosane (C26)	15.748	5006050	37.434 ug/ml
16) T n-Octacosane (C28)	16.695	4929971	38.007 ug/ml
17) T n-Tricontane (C30)	17.583	4903347	37.851 ug/ml
18) T n-Dotriacontane (C32)	18.412	4814182	38.860 ug/ml
19) T n-Tetratriacontane (C34)	19.196	4813134	44.097 ug/mlm
20) T n-Hexatriacontane (C36)	19.934	4593850	48.556 ug/mlm
21) T n-Octatriacontane (C38)	20.648	4520673	49.973 ug/ml
22) T n-Tetracontane (C40)	21.511	4475456	50.777 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165749BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

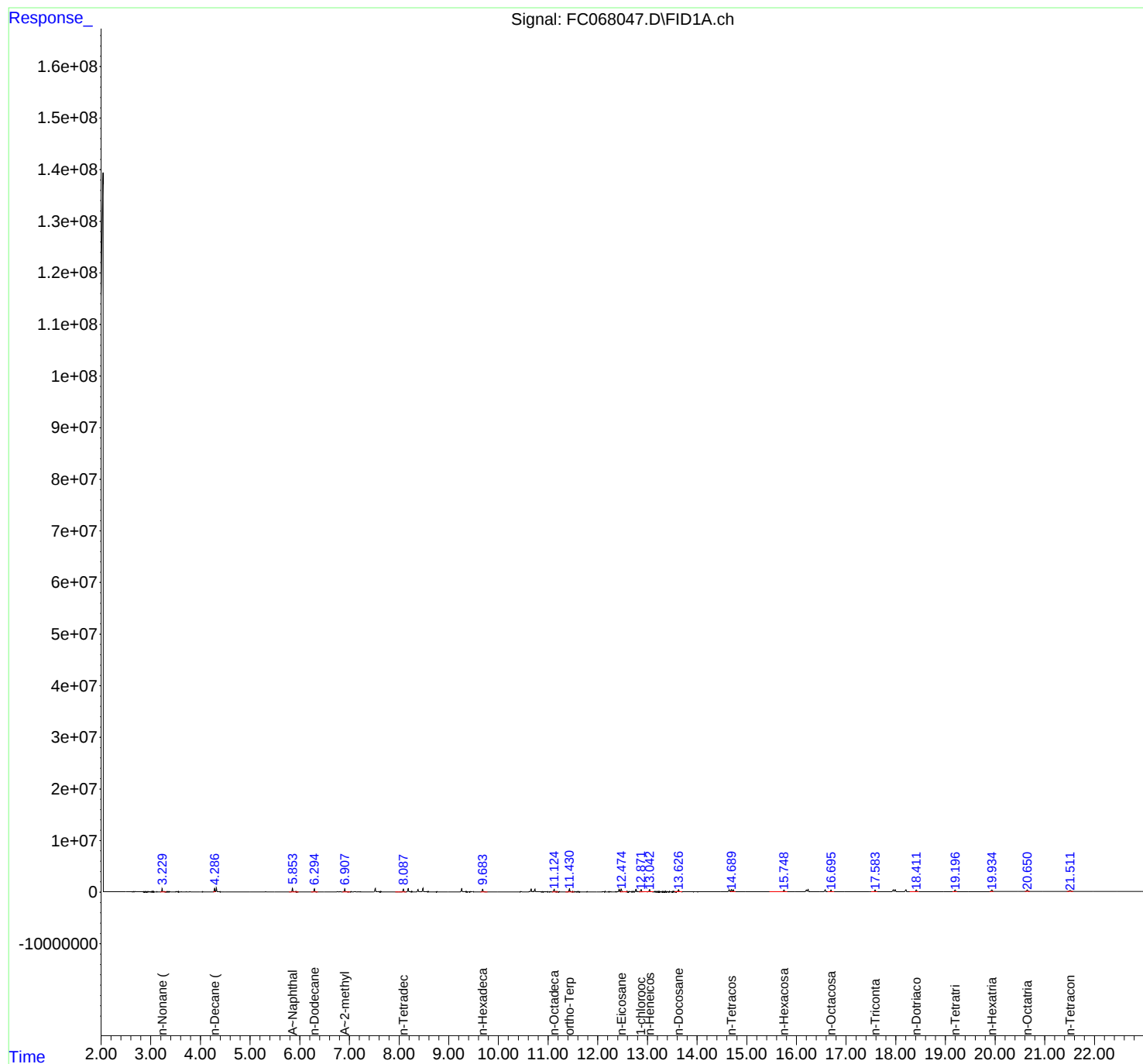
Instrument :
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PB165749BSD

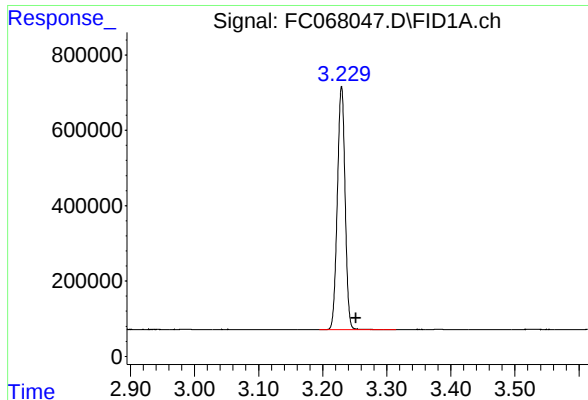
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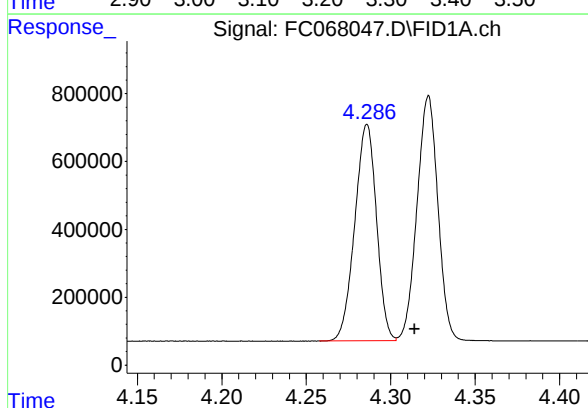
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.023 min
Response: 5422212
Conc: 34.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165749BSD

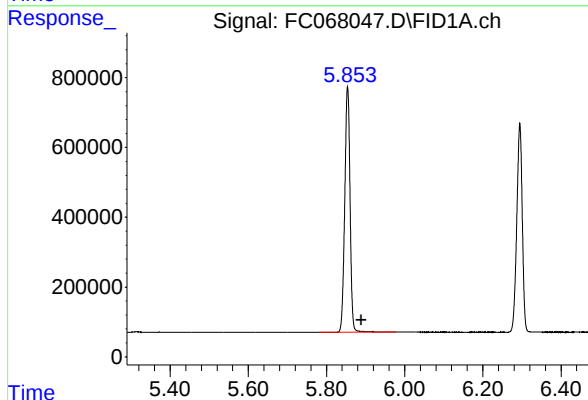
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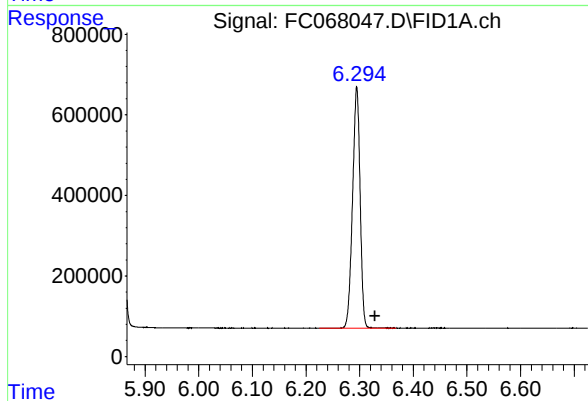
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.028 min
Response: 5707697
Conc: 36.00 ug/ml m



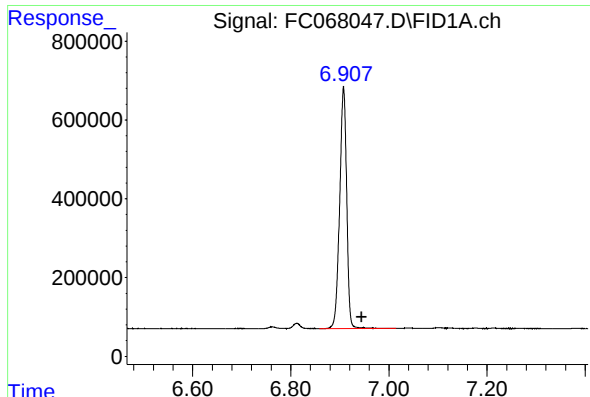
#3 A~Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.035 min
Response: 6615421
Conc: 37.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.034 min
Response: 5839695
Conc: 36.27 ug/ml



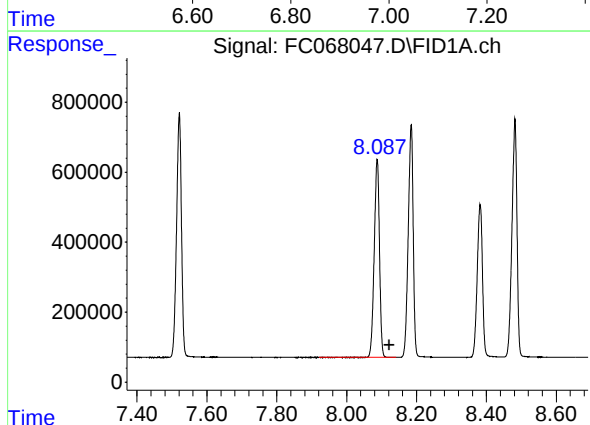
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.037 min
Response: 6087430
Conc: 36.33 ug/ml

Instrument :
FID_C
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PB165749BSD

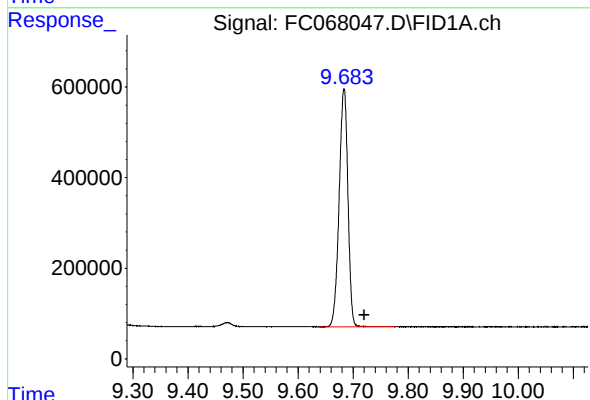
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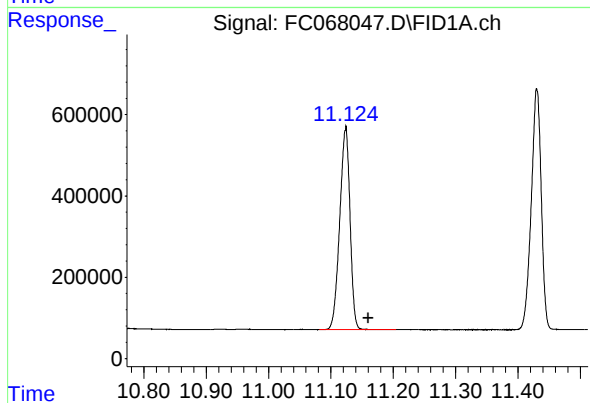
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: -0.034 min
Response: 5891928
Conc: 37.06 ug/ml



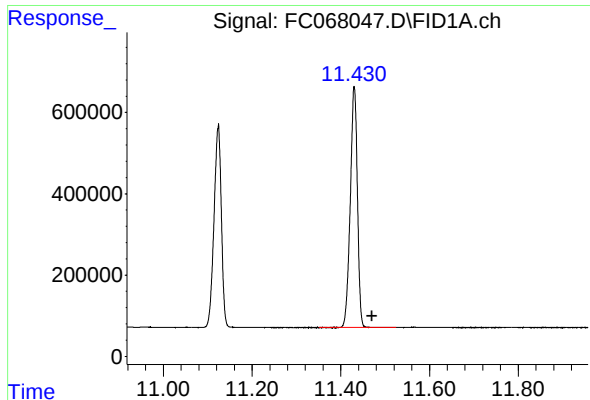
#7 n-Hexadecane (C16)

R.T.: 9.683 min
Delta R.T.: -0.037 min
Response: 5818501
Conc: 36.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.123 min
Delta R.T.: -0.037 min
Response: 5705458
Conc: 35.54 ug/ml



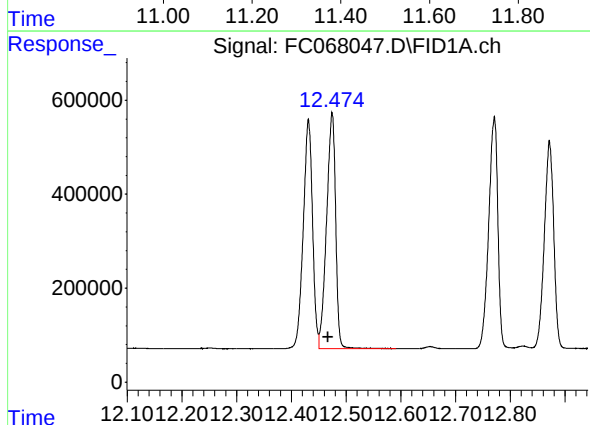
#9 ortho-Terphenyl (SURR)

R.T.: 11.430 min
Delta R.T.: -0.040 min
Response: 6611568
Conc: 38.24 ug/ml

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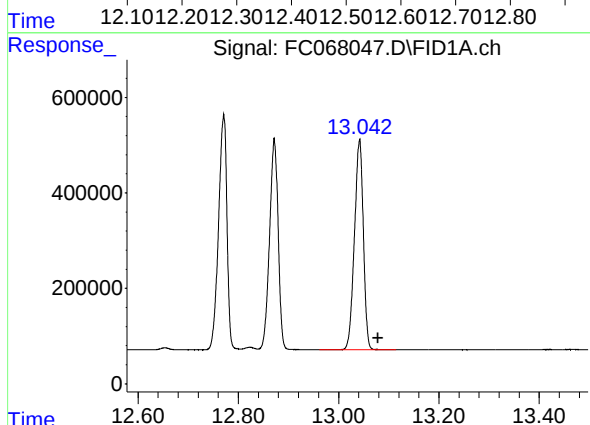
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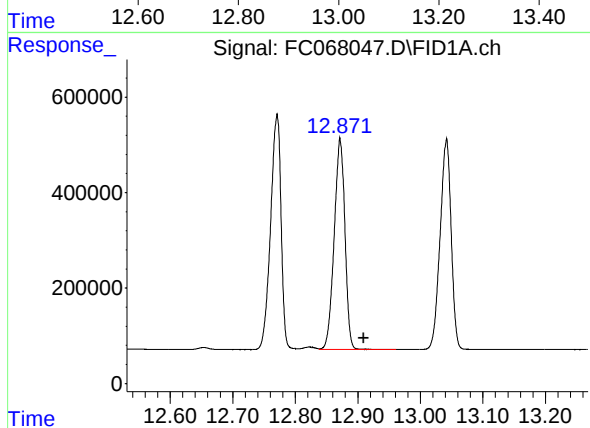
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: 0.007 min
Response: 5782257
Conc: 38.44 ug/ml



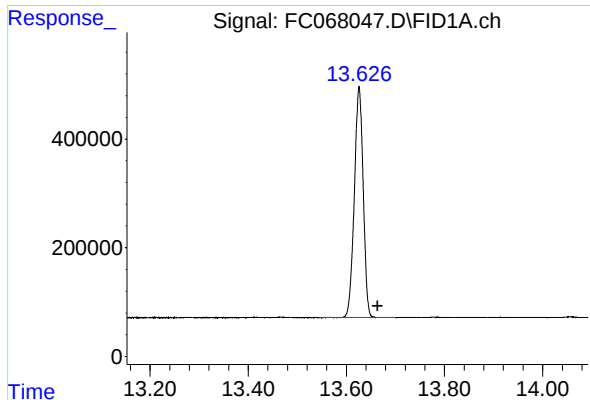
#11 n-Heneicosane (C21)

R.T.: 13.041 min
Delta R.T.: -0.037 min
Response: 5416973
Conc: 37.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.872 min
Delta R.T.: -0.037 min
Response: 5279439
Conc: 41.38 ug/ml



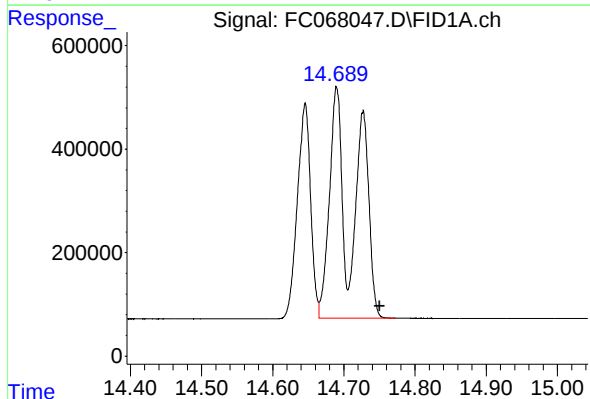
#13 n-Docosane (C22)

R.T.: 13.626 min
Delta R.T.: -0.038 min
Response: 5329910
Conc: 37.23 ug/ml

Instrument :
FID_C
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PB165749BSD

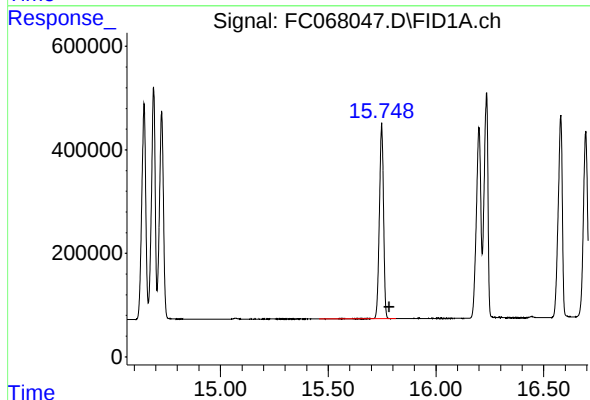
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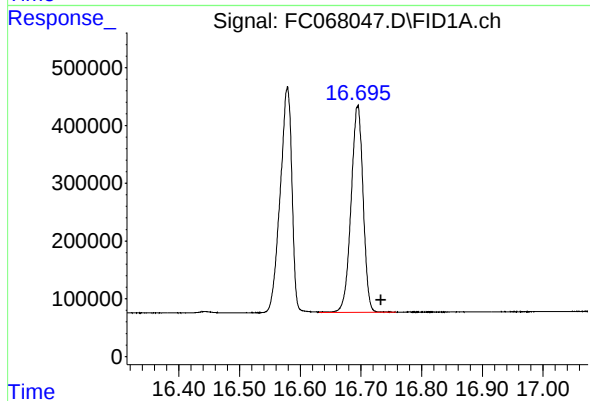
#14 n-Tetracosane (C24)

R.T.: 14.689 min
Delta R.T.: -0.061 min
Response: 10527699
Conc: 75.77 ug/ml



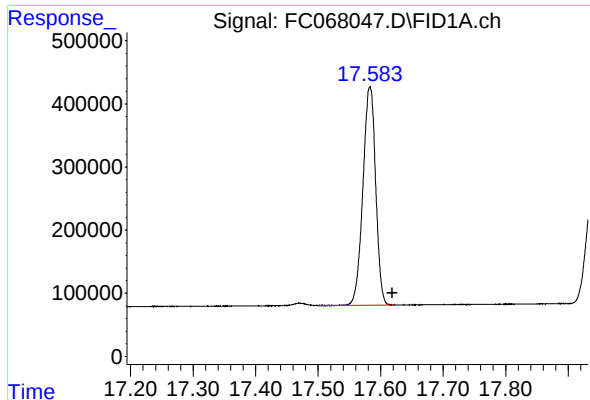
#15 n-Hexacosane (C26)

R.T.: 15.748 min
Delta R.T.: -0.037 min
Response: 5006050
Conc: 37.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.038 min
Response: 4929971
Conc: 38.01 ug/ml



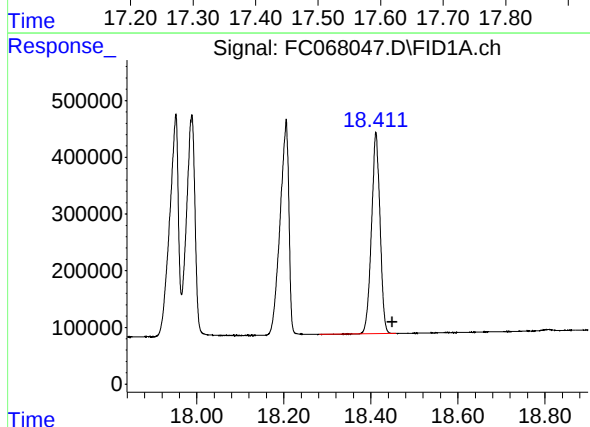
#17 n-Tricontane (C30)

R.T.: 17.583 min
Delta R.T.: -0.036 min
Response: 4903347
Conc: 37.85 ug/ml

Instrument :
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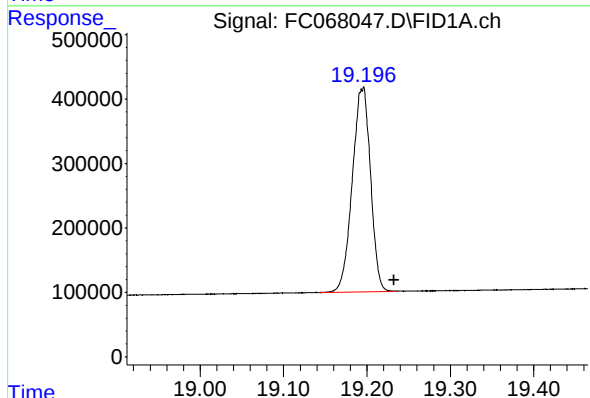
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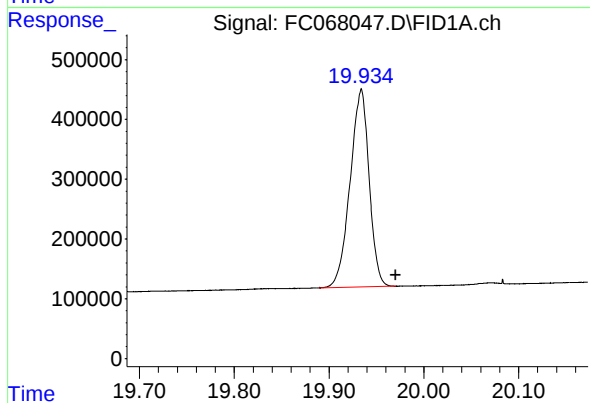
#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: -0.038 min
Response: 4814182
Conc: 38.86 ug/ml



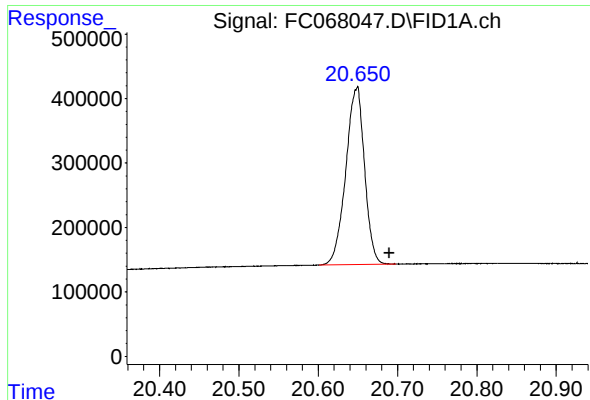
#19 n-Tetratriacontane (C34)

R.T.: 19.196 min
Delta R.T.: -0.036 min
Response: 4813134
Conc: 44.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.036 min
Response: 4593850
Conc: 48.56 ug/ml m



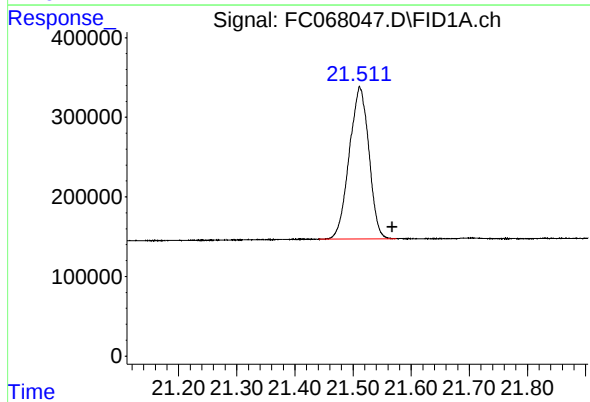
#21 n-Octatriacontane (C38)

R.T.: 20.648 min
Delta R.T.: -0.041 min
Response: 4520673
Conc: 49.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.057 min
Response: 4475456
Conc: 50.78 ug/ml m