

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066589.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 19:34
 Operator : YP/AJ
 Sample : PB161452BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161452BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:55:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.552	6091155	40.074 ug/ml
Spiked Amount 50.000		Recovery =	80.15%
12) S 1-chlorooctadecane (S...	12.990	4979123	43.574 ug/ml
Spiked Amount 50.000		Recovery =	87.15%
Target Compounds			
1) T n-Nonane (C9)	3.311	4861488	34.736 ug/ml
2) T n-Decane (C10)	4.377	5279768	36.695 ug/ml
3) T A~Naphthalene (C11.7)	5.960	6440210	40.415 ug/ml
4) T n-Dodecane (C12)	6.394	5440329	37.781 ug/ml
5) T A~2-methylnaphthalene...	7.018	6555723	42.746 ug/ml
6) T n-Tetradecane (C14)	8.192	5762080	40.816 ug/ml
7) T n-Hexadecane (C16)	9.792	5815510	40.465 ug/ml
8) T n-Octadecane (C18)	11.236	5721880	39.983 ug/ml
10) T n-Eicosane (C20)	12.546	5708892	41.957 ug/ml
11) T n-Heneicosane (C21)	13.157	5506140	41.305 ug/ml
13) T n-Docosane (C22)	13.744	5455672	41.394 ug/ml
14) T n-Tetracosane (C24)	14.846	4623497	35.517 ug/ml
15) T n-Hexacosane (C26)	15.870	5336861	41.963 ug/ml
16) T n-Octacosane (C28)	16.818	5299363	42.686 ug/ml
17) T n-Tricontane (C30)	17.709	5296821	42.029 ug/ml
18) T n-Dotriacontane (C32)	18.540	5342227	43.405 ug/ml
19) T n-Tetratriacontane (C34)	19.324	5258120	43.845 ug/ml
20) T n-Hexatriacontane (C36)	20.063	5135365	42.386 ug/mlm
21) T n-Octatriacontane (C38)	20.798	4638134	40.094 ug/ml
22) T n-Tetracontane (C40)	21.708	4343134	35.456 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161452BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

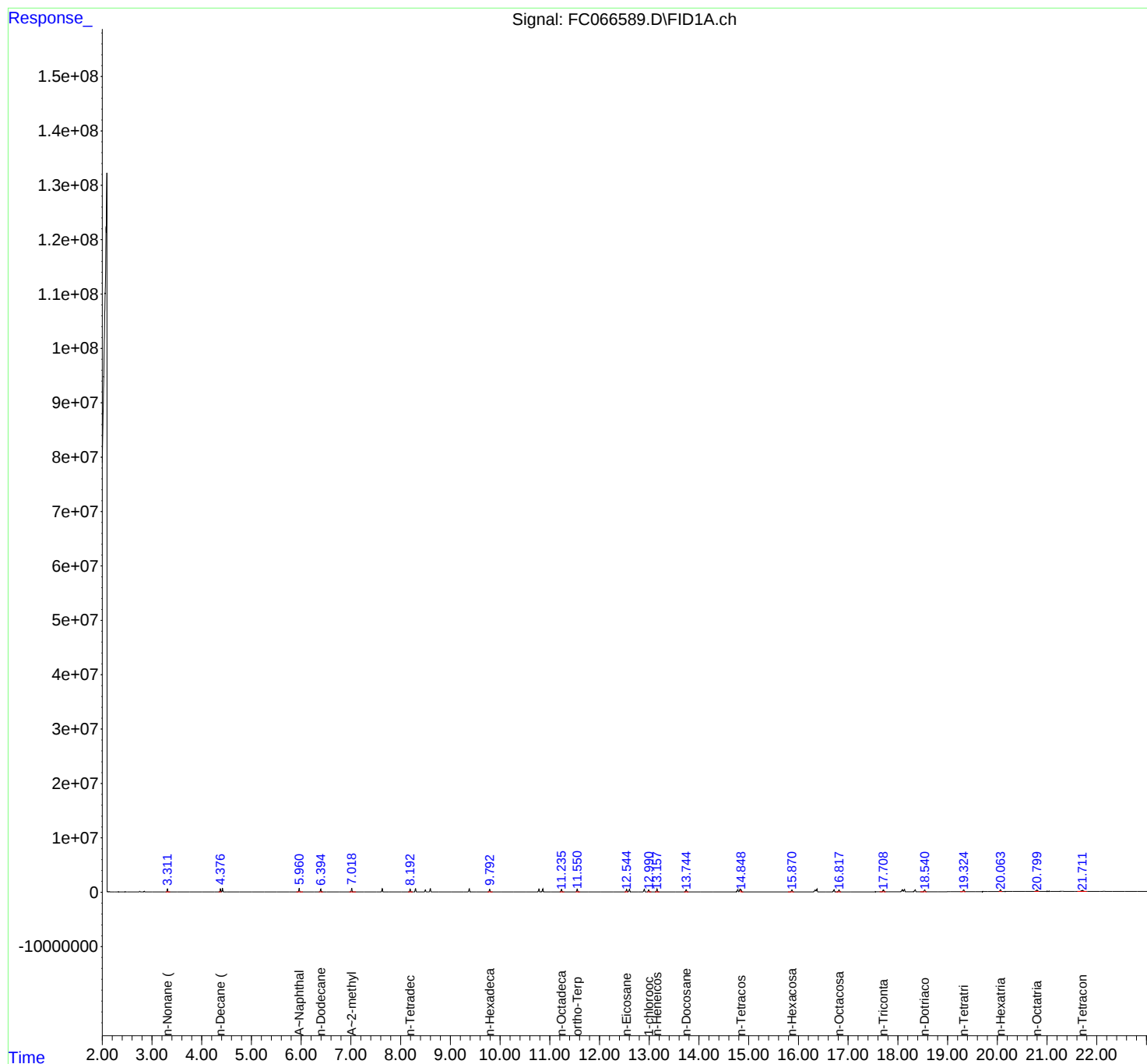
Instrument :
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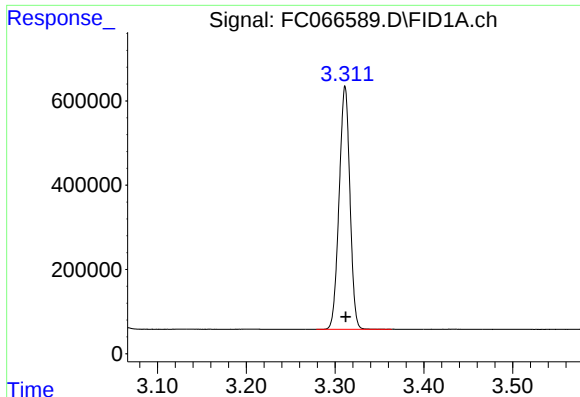
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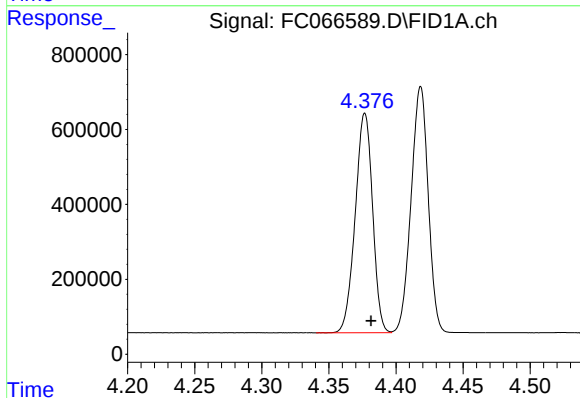
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 4861488
Conc: 34.74 ug/ml

Instrument :
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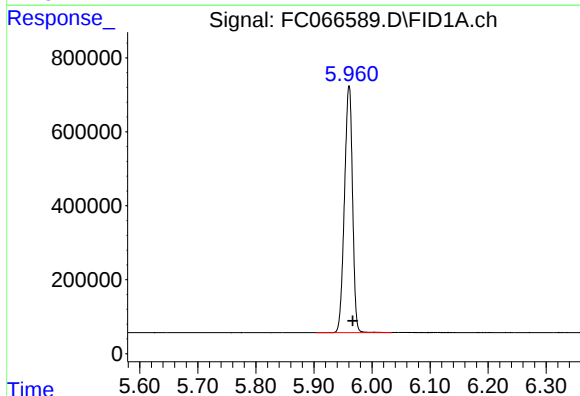
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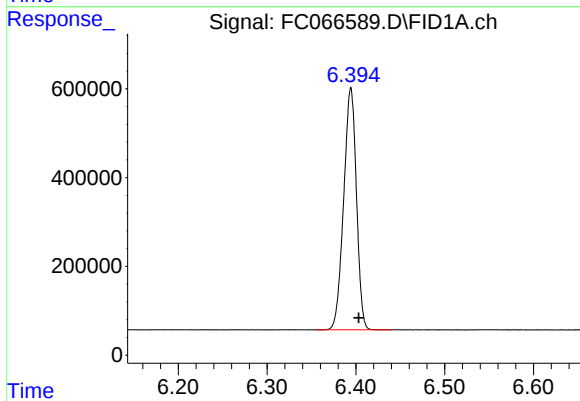
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.005 min
Response: 5279768
Conc: 36.69 ug/ml



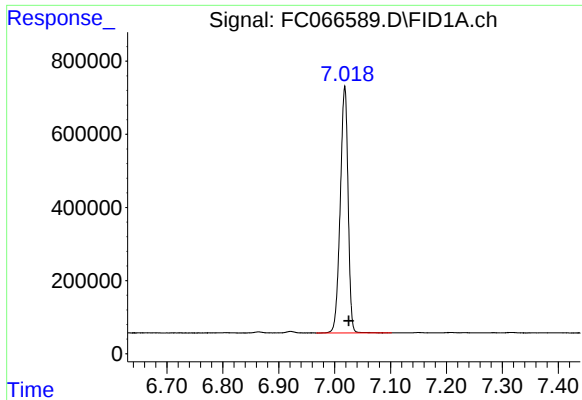
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 6440210
Conc: 40.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: -0.009 min
Response: 5440329
Conc: 37.78 ug/ml



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

R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 6555723
Conc: 42.75 ug/ml

Instrument :

FID_C

ClientSampleId :

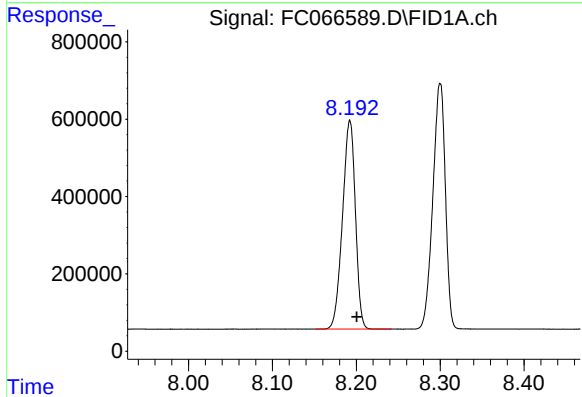
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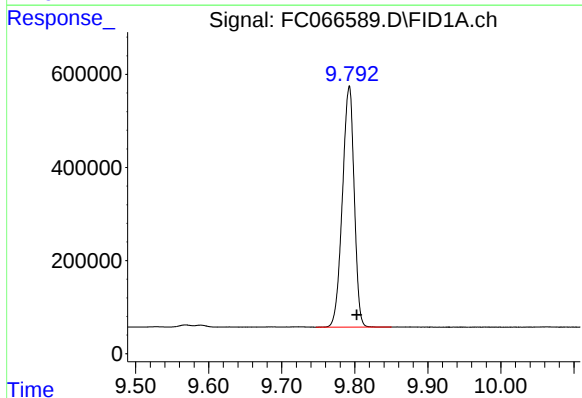
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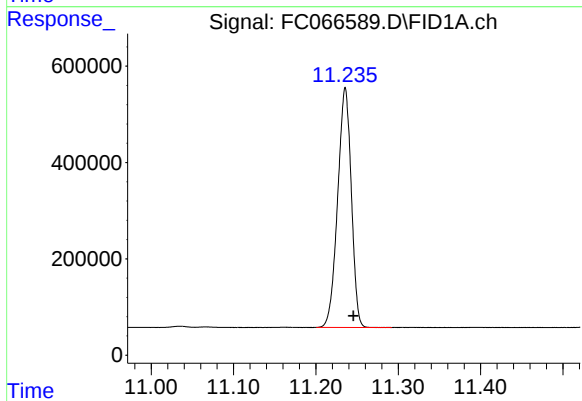
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.008 min
Response: 5762080
Conc: 40.82 ug/ml



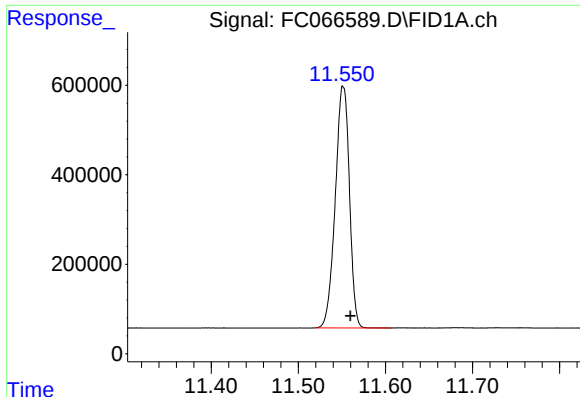
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: -0.011 min
Response: 5815510
Conc: 40.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.236 min
Delta R.T.: -0.010 min
Response: 5721880
Conc: 39.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.008 min
Response: 6091155
Conc: 40.07 ug/ml

Instrument :

FID_C

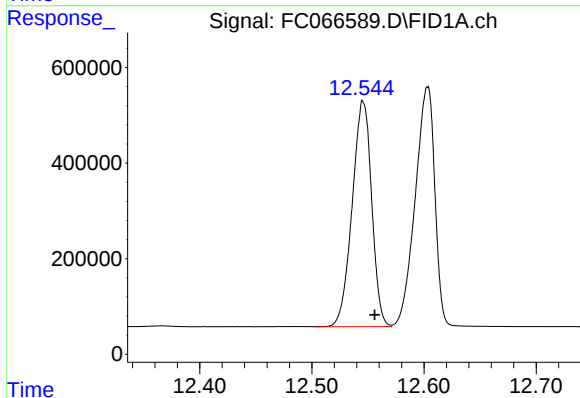
ClientSampleId :

PB161452BS

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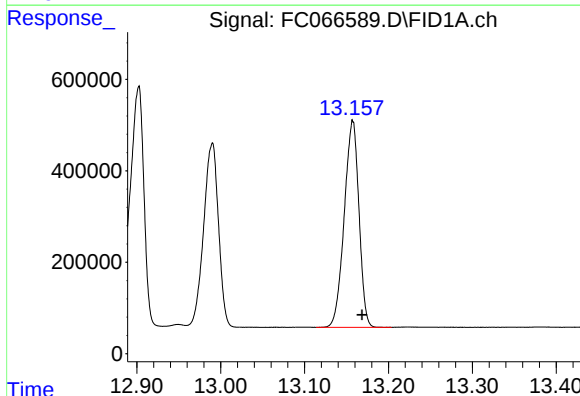
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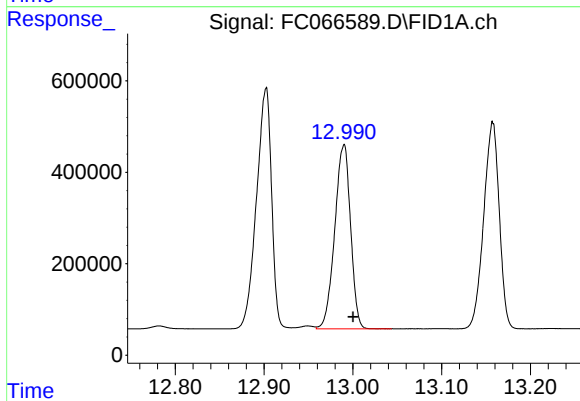
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.011 min
Response: 5708892
Conc: 41.96 ug/ml



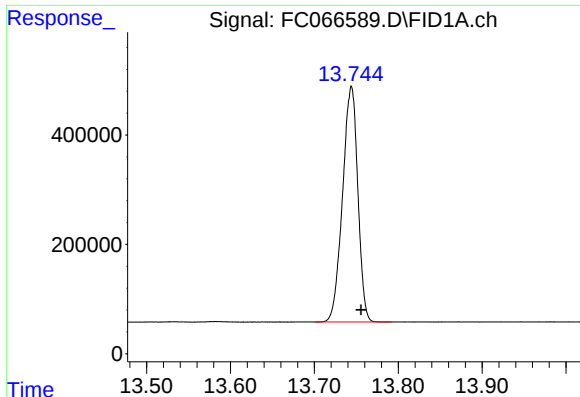
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.011 min
Response: 5506140
Conc: 41.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.010 min
Response: 4979123
Conc: 43.57 ug/ml



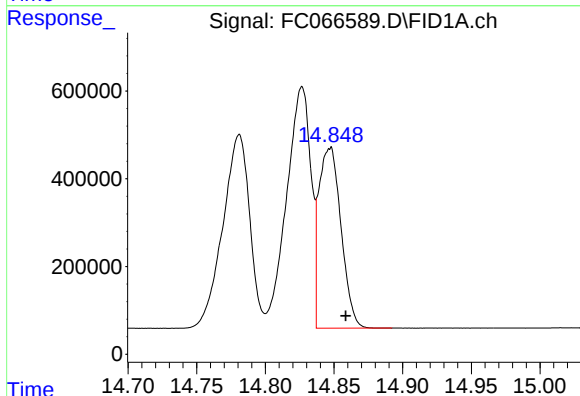
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.012 min
Response: 5455672
Conc: 41.39 ug/ml

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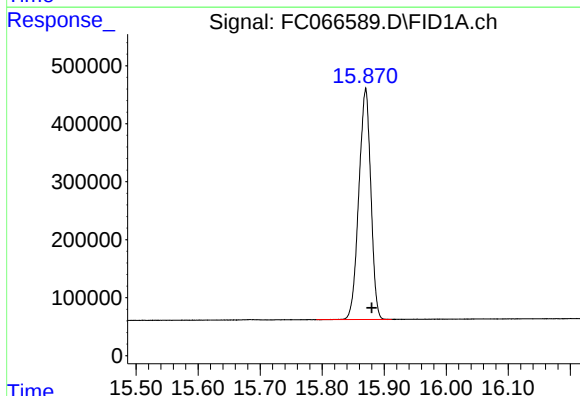
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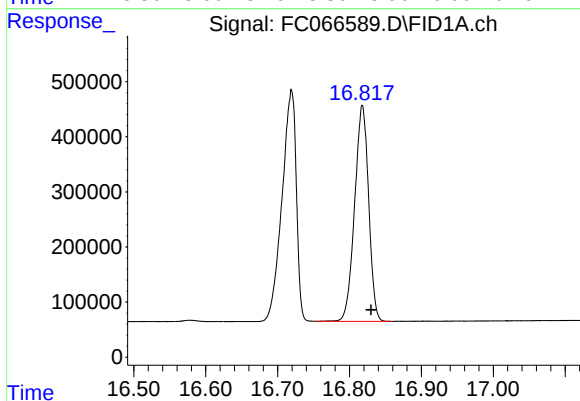
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.012 min
Response: 4623497
Conc: 35.52 ug/ml



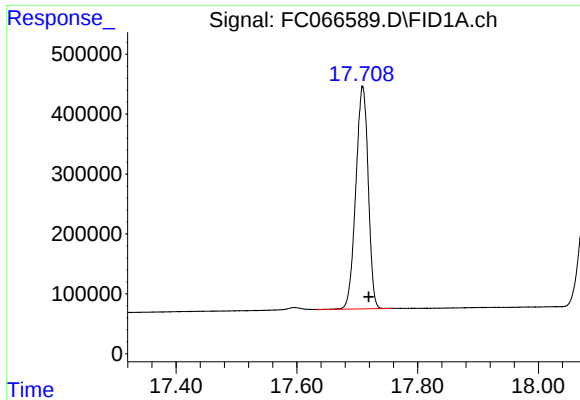
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.010 min
Response: 5336861
Conc: 41.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: -0.012 min
Response: 5299363
Conc: 42.69 ug/ml



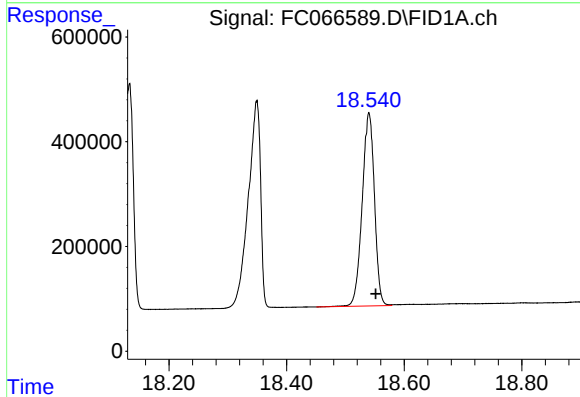
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.010 min
Response: 5296821
Conc: 42.03 ug/ml

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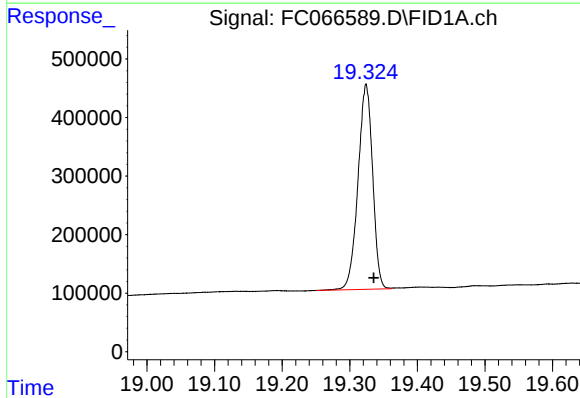
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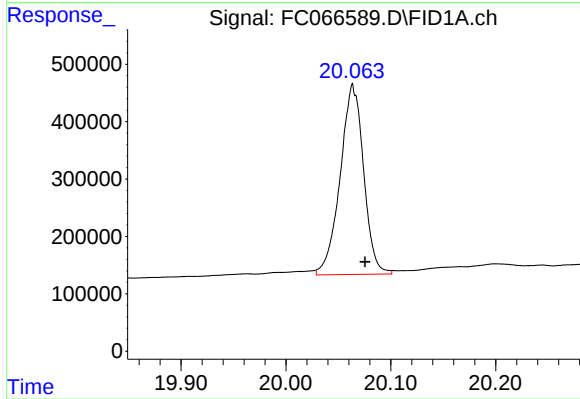
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.012 min
Response: 5342227
Conc: 43.41 ug/ml



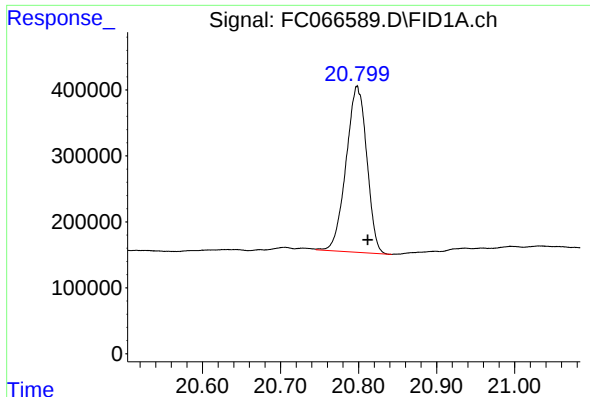
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.012 min
Response: 5258120
Conc: 43.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.012 min
Response: 5135365
Conc: 42.39 ug/ml m



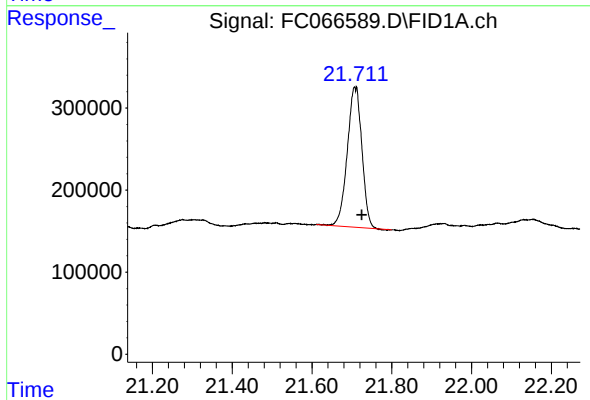
#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.013 min
Response: 4638134
Conc: 40.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.017 min
Response: 4343134
Conc: 35.46 ug/ml