

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067948.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 15:05
 Operator : YP/AJ
 Sample : PB165478BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165478BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 04:39:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.475	6834374	35.251 ug/ml
Spiked Amount 50.000		Recovery =	70.50%
12) S 1-chlorooctadecane (S...	12.914	5457448	37.596 ug/ml
Spiked Amount 50.000		Recovery =	75.19%
Target Compounds			
1) T n-Nonane (C9)	3.264	6633813	40.670 ug/ml
2) T n-Decane (C10)	4.322	7069063	42.628 ug/ml
3) T A~Naphthalene (C11.7)	5.894	8100884	44.229 ug/ml
4) T n-Dodecane (C12)	6.332	7355263	43.670 ug/ml
5) T A~2-methylnaphthalene...	6.948	7439282	41.946 ug/ml
6) T n-Tetradecane (C14)	8.127	7433943	44.389 ug/ml
7) T n-Hexadecane (C16)	9.723	7325976	42.274 ug/ml
8) T n-Octadecane (C18)	11.164	7252894	41.224 ug/ml
10) T n-Eicosane (C20)	12.472	7186252	42.677 ug/ml
11) T n-Heneicosane (C21)	13.083	6812656	41.405 ug/ml
13) T n-Docosane (C22)	13.668	6699782	41.140 ug/ml
14) T n-Tetracosane (C24)	14.738	13037882	81.293 ug/mlm
15) T n-Hexacosane (C26)	15.791	6260632	40.427 ug/ml
16) T n-Octacosane (C28)	16.739	6125066	40.557 ug/ml
17) T n-Tricontane (C30)	17.626	6040446	39.452 ug/ml
18) T n-Dotriacontane (C32)	18.456	5902115	39.962 ug/ml
19) T n-Tetratriacontane (C34)	19.237	5885176	46.660 ug/ml
20) T n-Hexatriacontane (C36)	19.976	5730537	54.792 ug/ml
21) T n-Octatriacontane (C38)	20.697	5757385	58.939 ug/ml
22) T n-Tetracontane (C40)	21.578	5791275	59.418 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

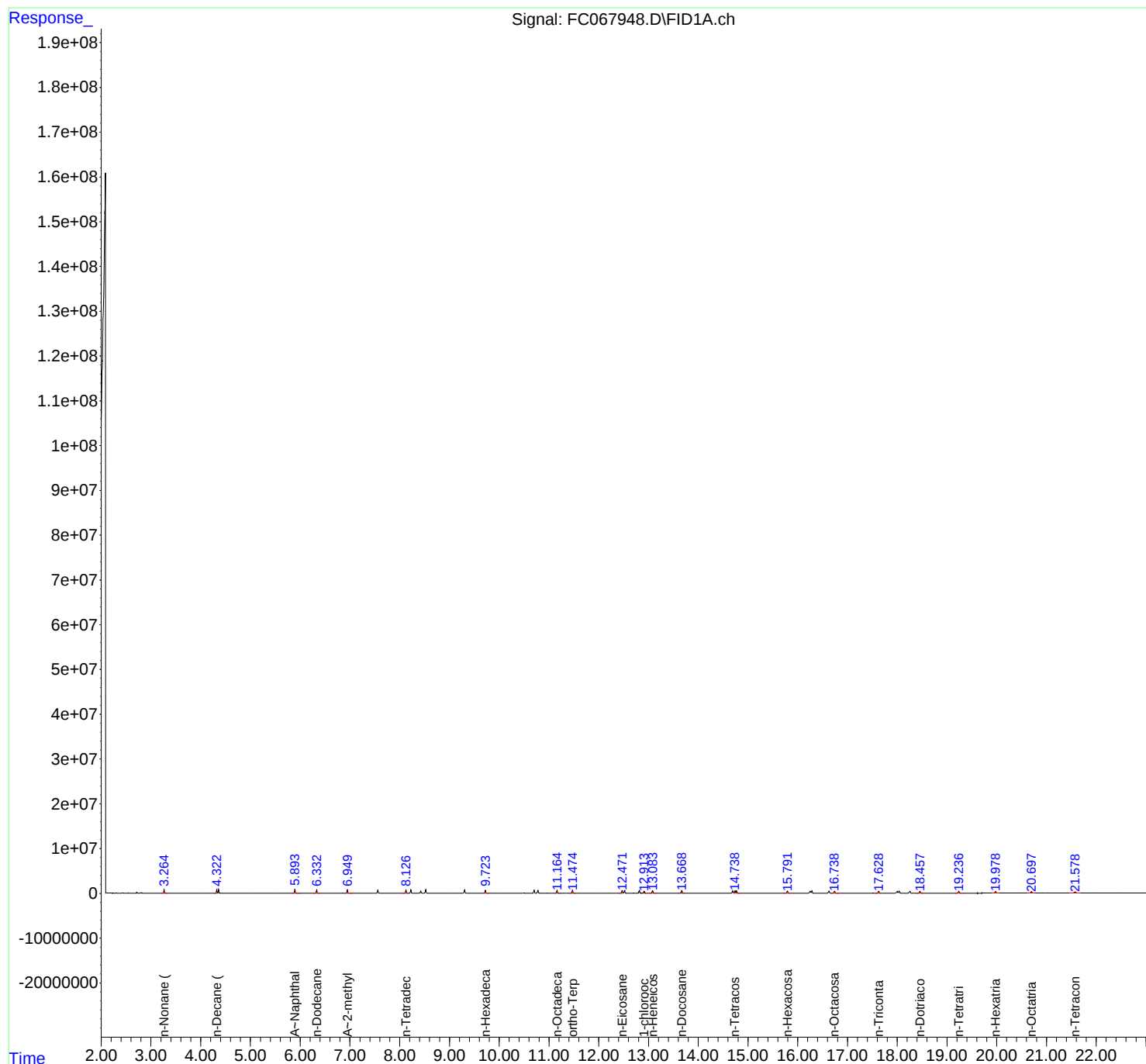
Instrument :
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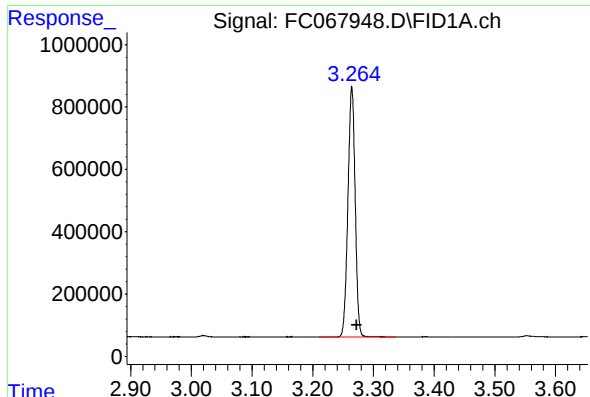
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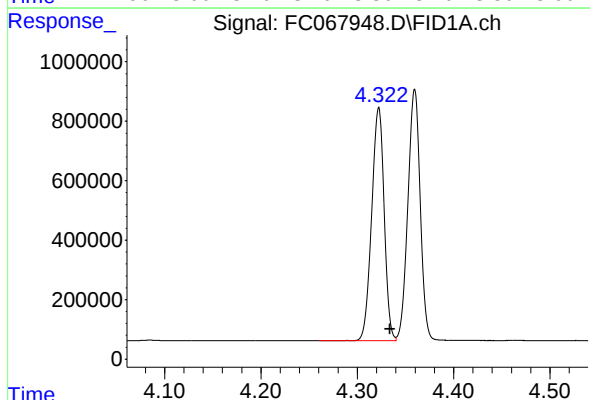
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.008 min
Response: 6633813
Conc: 40.67 ug/ml

Instrument :
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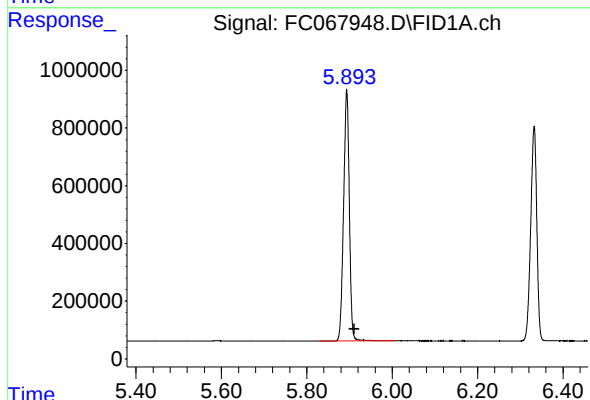
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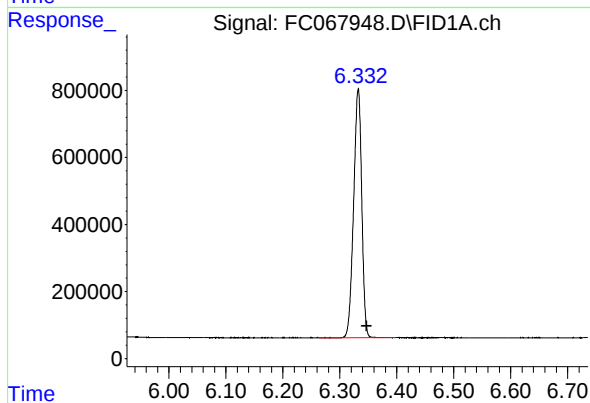
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.012 min
Response: 7069063
Conc: 42.63 ug/ml



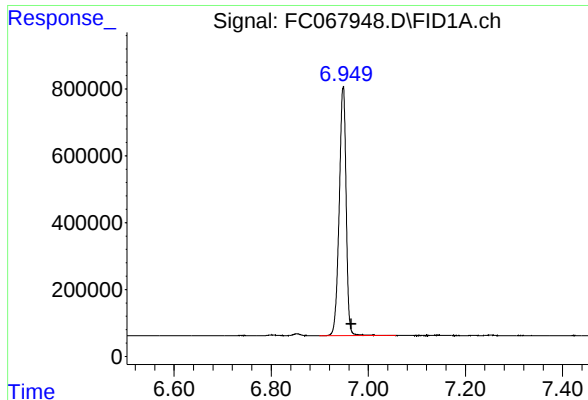
#3 A~Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.017 min
Response: 8100884
Conc: 44.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.015 min
Response: 7355263
Conc: 43.67 ug/ml



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

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 7439282
Conc: 41.95 ug/ml

Instrument :

FID_C

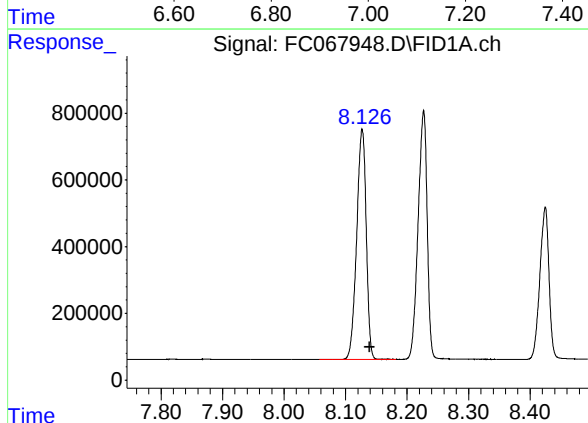
ClientSampleId :

PB165478BSD

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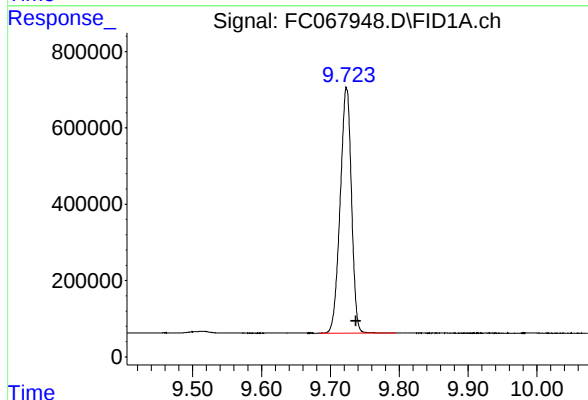
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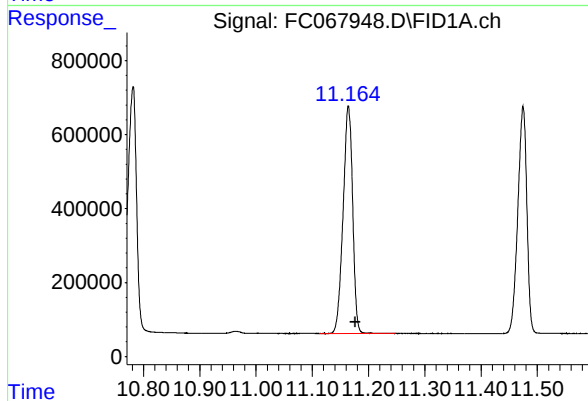
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 7433943
Conc: 44.39 ug/ml



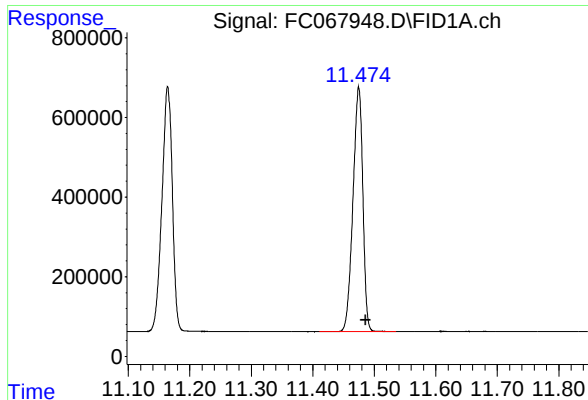
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.014 min
Response: 7325976
Conc: 42.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: -0.012 min
Response: 7252894
Conc: 41.22 ug/ml



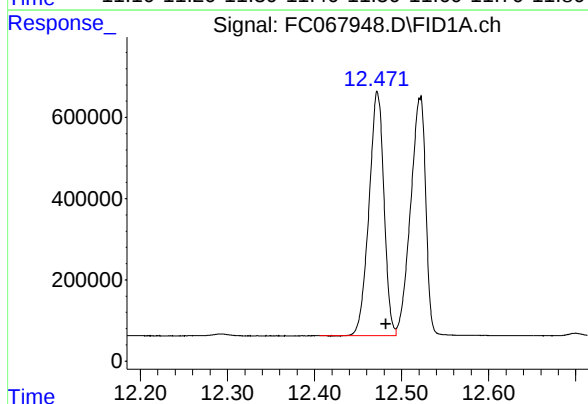
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.012 min
Response: 6834374
Conc: 35.25 ug/ml

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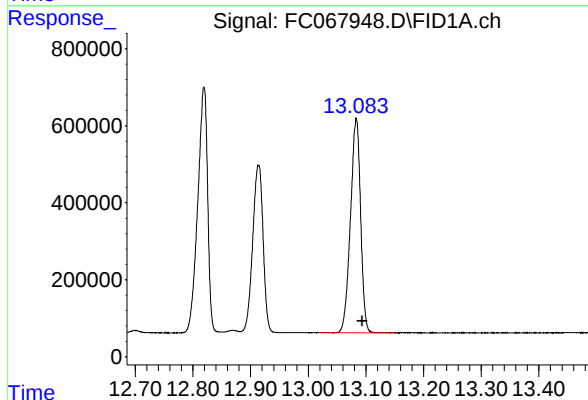
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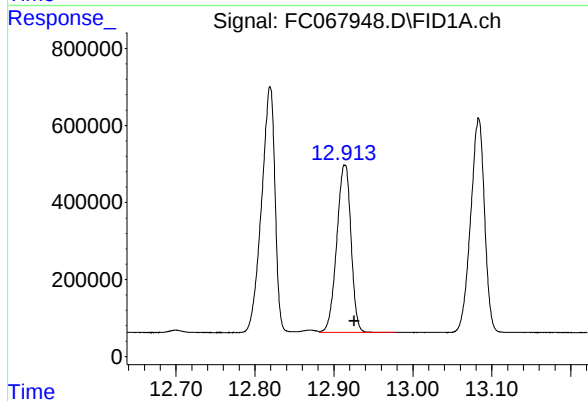
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.010 min
Response: 7186252
Conc: 42.68 ug/ml



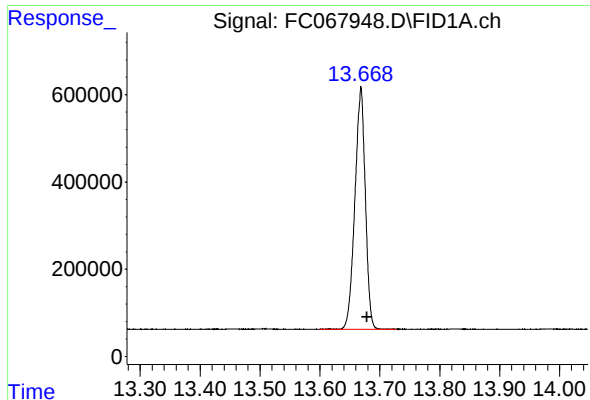
#11 n-Heneicosane (C21)

R.T.: 13.083 min
Delta R.T.: -0.010 min
Response: 6812656
Conc: 41.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 5457448
Conc: 37.60 ug/ml



#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.010 min
Response: 6699782
Conc: 41.14 ug/ml

Instrument :

FID_C

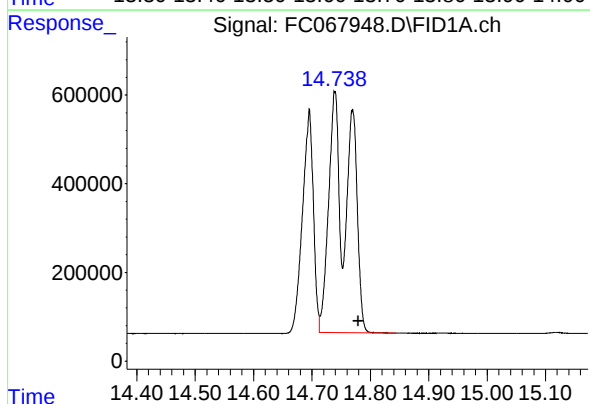
ClientSampleId :

PB165478BSD

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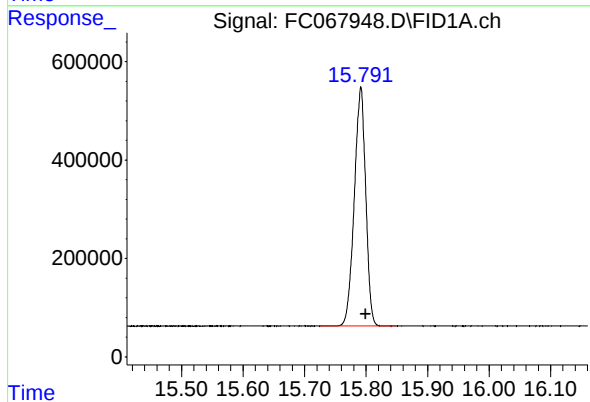
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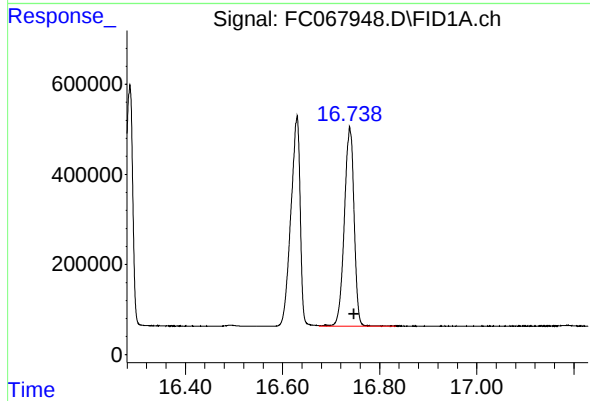
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.042 min
Response: 13037882
Conc: 81.29 ug/ml m



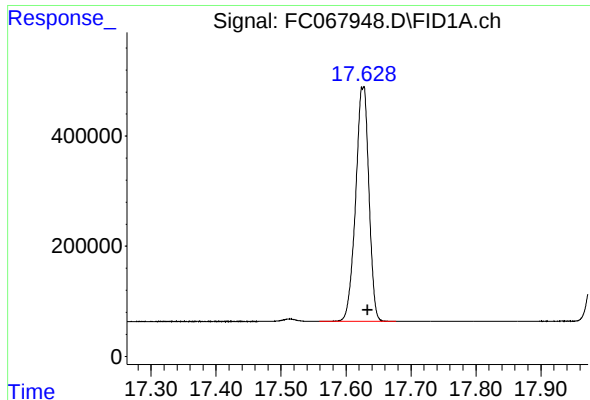
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: -0.008 min
Response: 6260632
Conc: 40.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: -0.008 min
Response: 6125066
Conc: 40.56 ug/ml



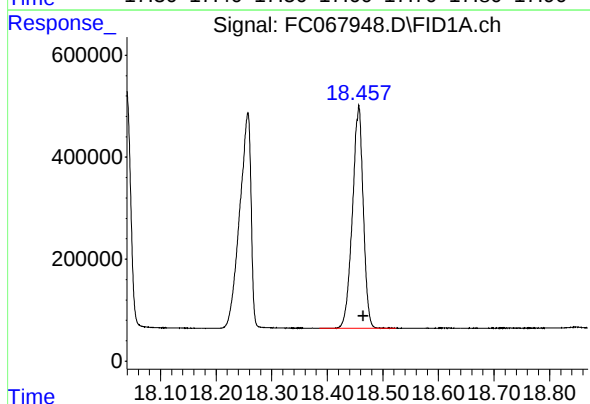
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.007 min
Response: 6040446
Conc: 39.45 ug/ml

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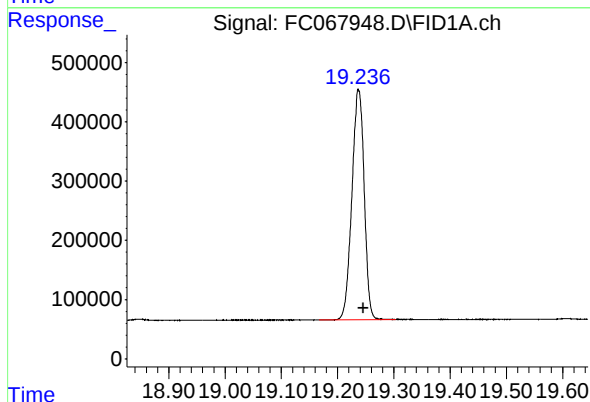
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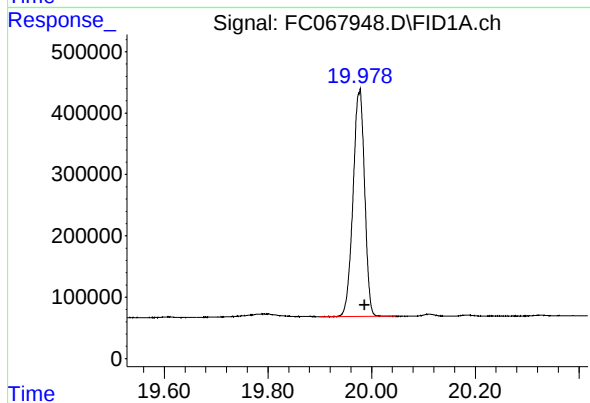
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 5902115
Conc: 39.96 ug/ml



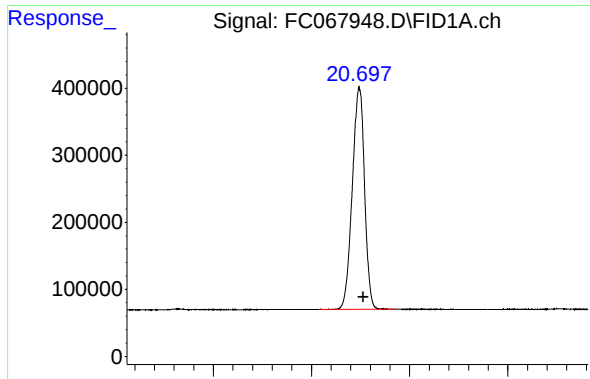
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: -0.008 min
Response: 5885176
Conc: 46.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.010 min
Response: 5730537
Conc: 54.79 ug/ml



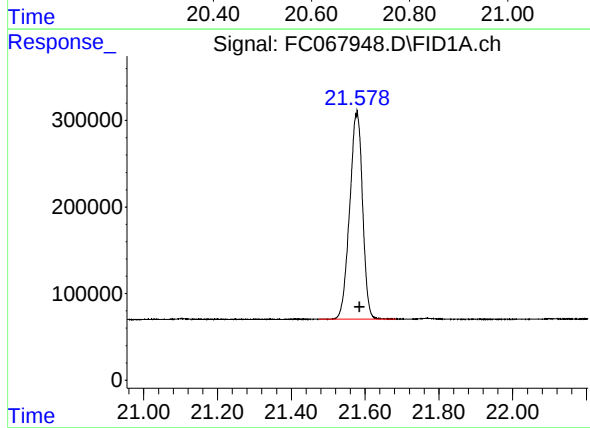
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.008 min
Response: 5757385
Conc: 58.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: -0.008 min
Response: 5791275
Conc: 59.42 ug/ml