

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067951.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 16:54
 Operator : YP/AJ
 Sample : P5174-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ROLL-OFF-COMPMS

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 04:40:26 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	6755710	34.845 ug/ml
Spiked Amount 50.000		Recovery =	69.69%
12) S 1-chlorooctadecane (S...	12.914	4799276	33.062 ug/ml
Spiked Amount 50.000		Recovery =	66.12%
Target Compounds			
1) T n-Nonane (C9)	3.255	4855467	29.767 ug/ml
2) T n-Decane (C10)	4.317	5680734	34.256 ug/ml
3) T A~Naphthalene (C11.7)	5.892	7145645	39.014 ug/ml
4) T n-Dodecane (C12)	6.332	6879819	40.847 ug/ml
5) T A~2-methylnaphthalene...	6.948	7536953	42.497 ug/ml
6) T n-Tetradecane (C14)	8.127	7053125	42.115 ug/mlm
7) T n-Hexadecane (C16)	9.724	7359727	42.469 ug/mlm
8) T n-Octadecane (C18)	11.165	7288364	41.425 ug/ml
10) T n-Eicosane (C20)	12.474	6994435	41.538 ug/ml
11) T n-Heneicosane (C21)	13.084	6392285	38.850 ug/ml
13) T n-Docosane (C22)	13.669	6113944	37.543 ug/ml
14) T n-Tetracosane (C24)	14.739	12024307	74.973 ug/mlm
15) T n-Hexacosane (C26)	15.792	5804950	37.485 ug/ml
16) T n-Octacosane (C28)	16.738	5736868	37.987 ug/ml
17) T n-Tricontane (C30)	17.627	5627461	36.755 ug/ml
18) T n-Dotriacontane (C32)	18.456	5511074	37.315 ug/ml
19) T n-Tetratriacontane (C34)	19.239	5488070	43.511 ug/ml
20) T n-Hexatriacontane (C36)	19.976	5254816	50.243 ug/mlm
21) T n-Octatriacontane (C38)	20.699	5243538	53.679 ug/mlm
22) T n-Tetracontane (C40)	21.578	5268132	54.051 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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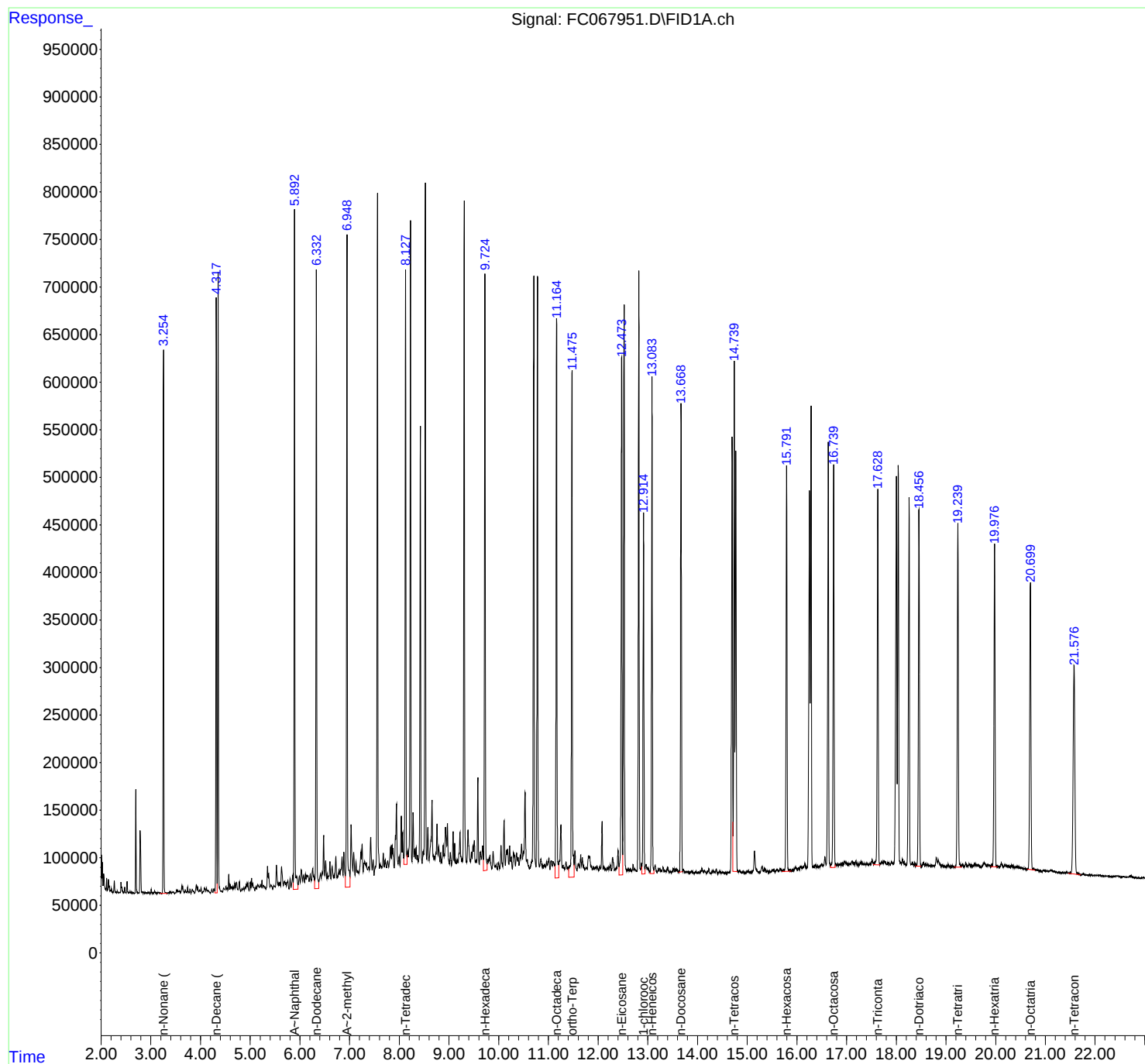
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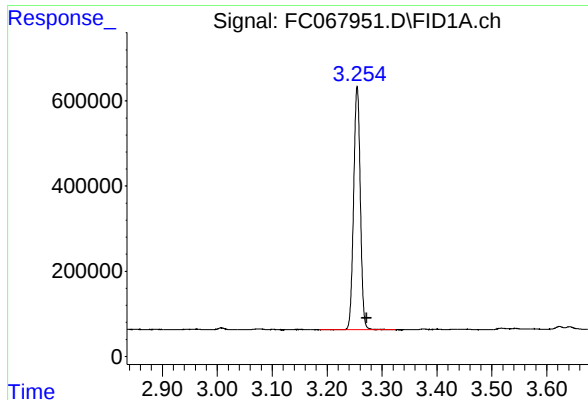
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#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.017 min
Response: 4855467
Conc: 29.77 ug/ml

Instrument :

FID_C

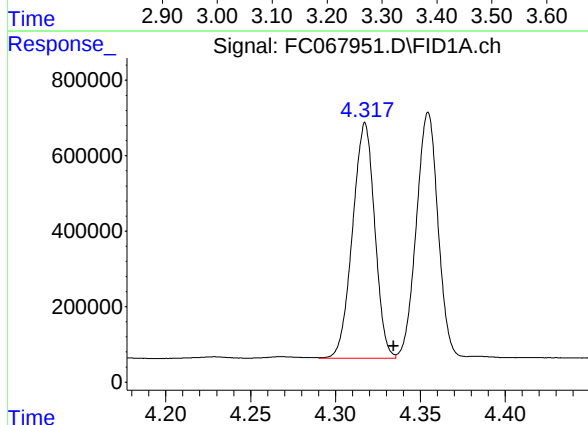
ClientSampleId :

ROLL-OFF-COMPMS

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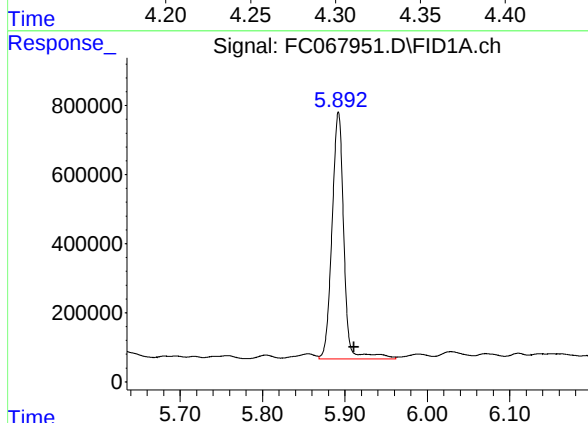
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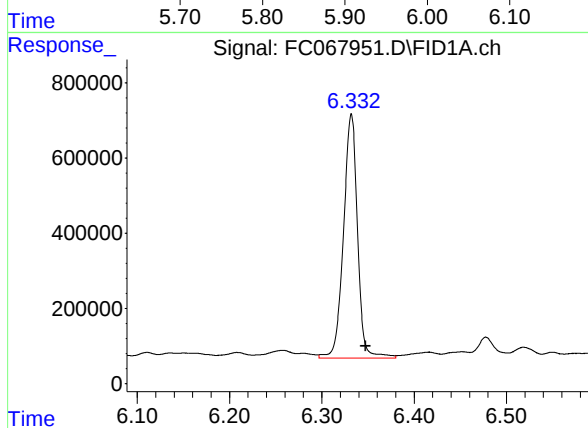
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.017 min
Response: 5680734
Conc: 34.26 ug/ml



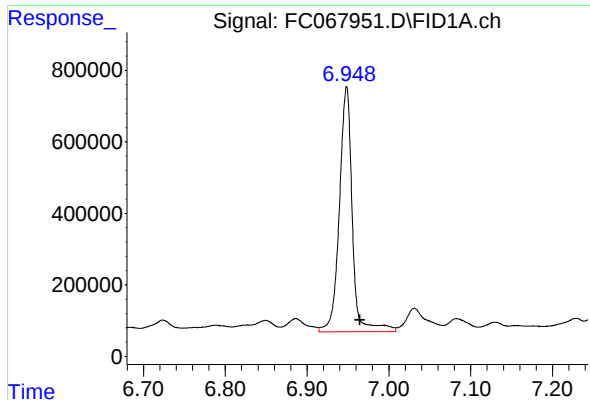
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.019 min
Response: 7145645
Conc: 39.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.016 min
Response: 6879819
Conc: 40.85 ug/ml



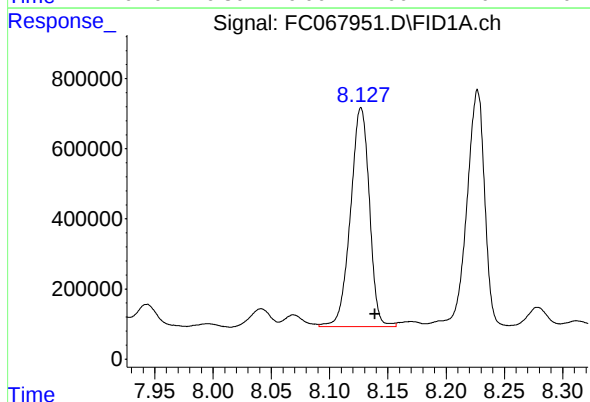
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 7536953
Conc: 42.50 ug/ml

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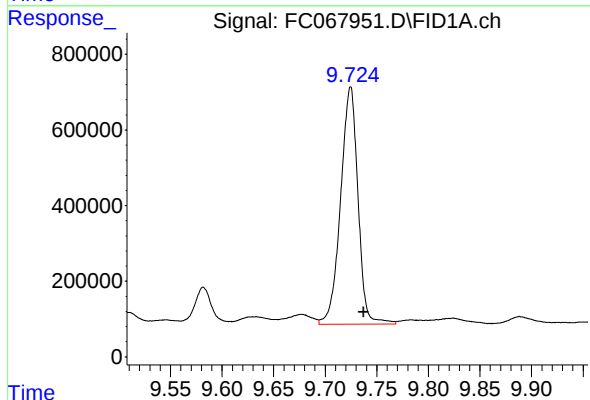
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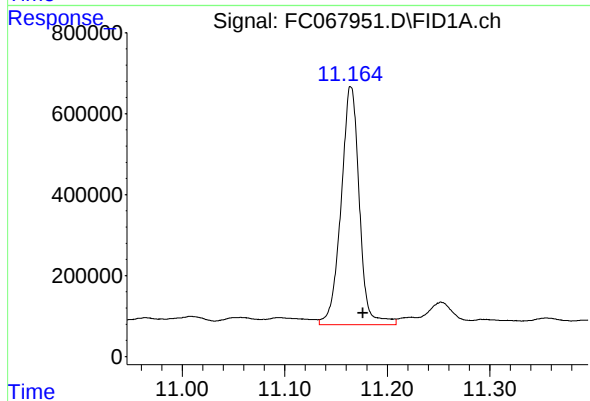
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 7053125
Conc: 42.12 ug/ml m



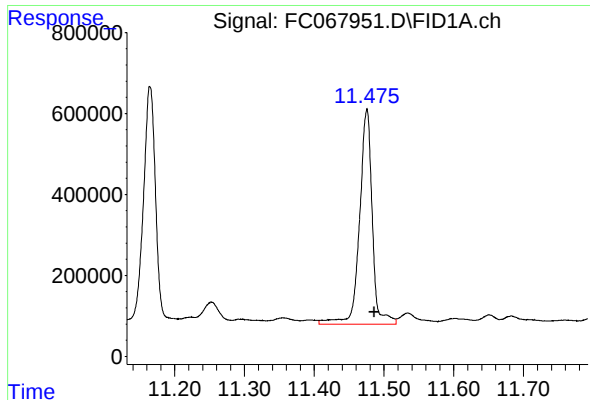
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.013 min
Response: 7359727
Conc: 42.47 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: -0.012 min
Response: 7288364
Conc: 41.43 ug/ml



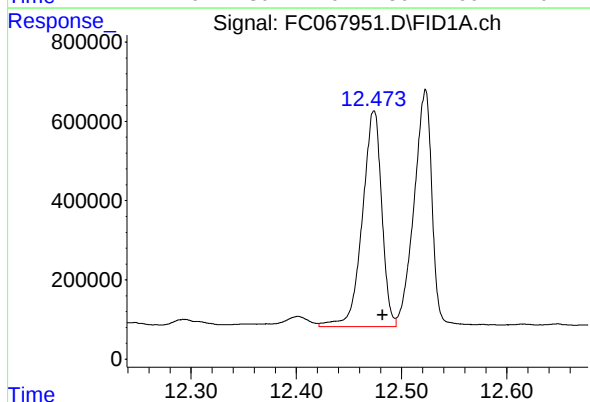
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.011 min
Response: 6755710
Conc: 34.85 ug/ml

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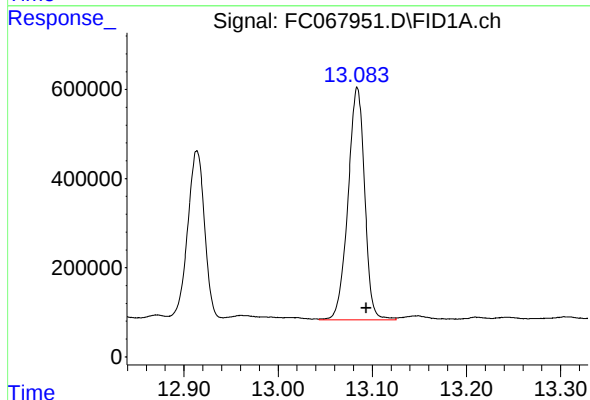
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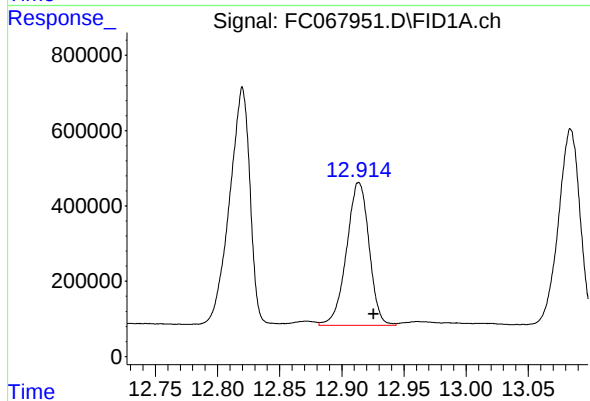
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: -0.009 min
Response: 6994435
Conc: 41.54 ug/ml



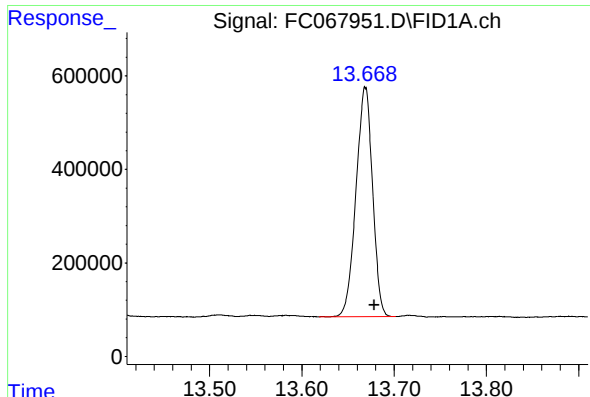
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 6392285
Conc: 38.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 4799276
Conc: 33.06 ug/ml



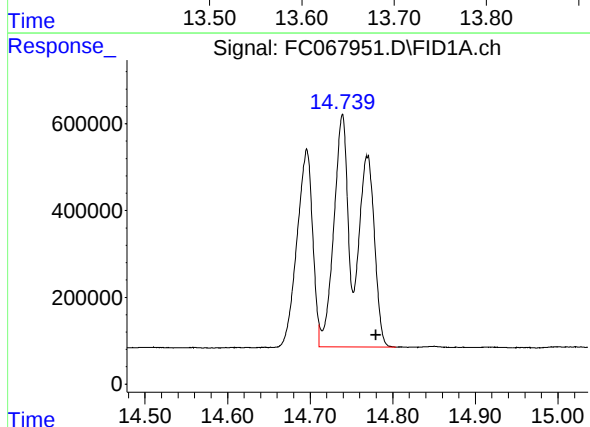
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.010 min
Response: 6113944
Conc: 37.54 ug/ml

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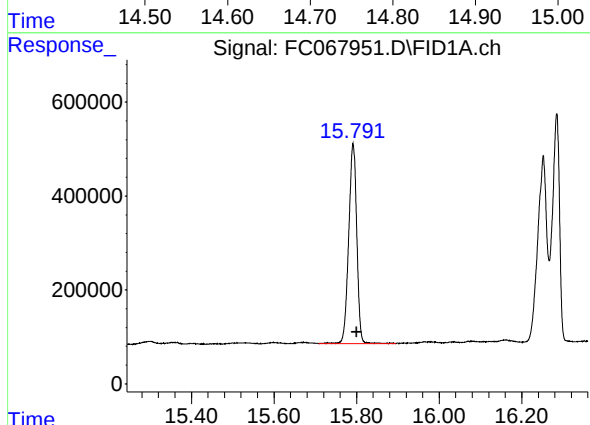
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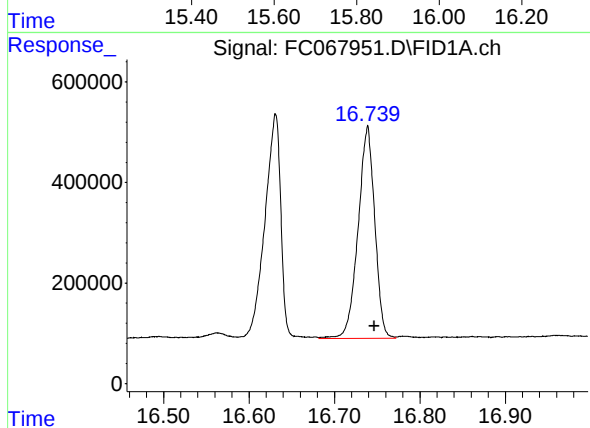
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.041 min
Response: 12024307
Conc: 74.97 ug/ml



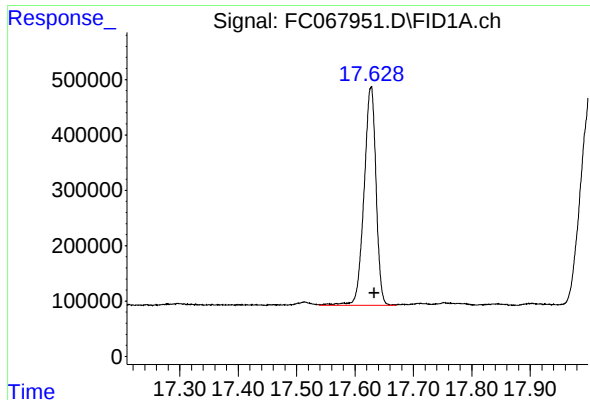
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.008 min
Response: 5804950
Conc: 37.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.008 min
Response: 5736868
Conc: 37.99 ug/ml



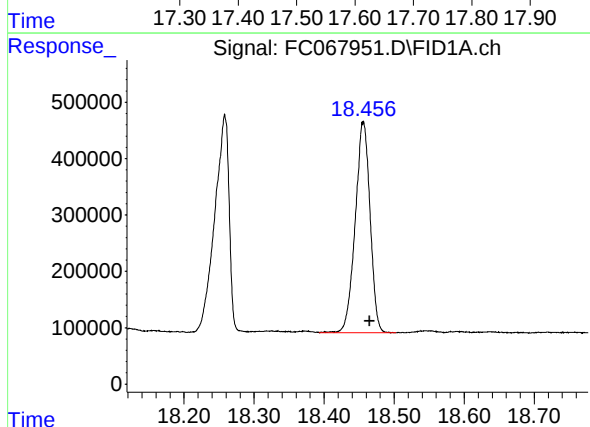
#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: -0.006 min
Response: 5627461
Conc: 36.75 ug/ml

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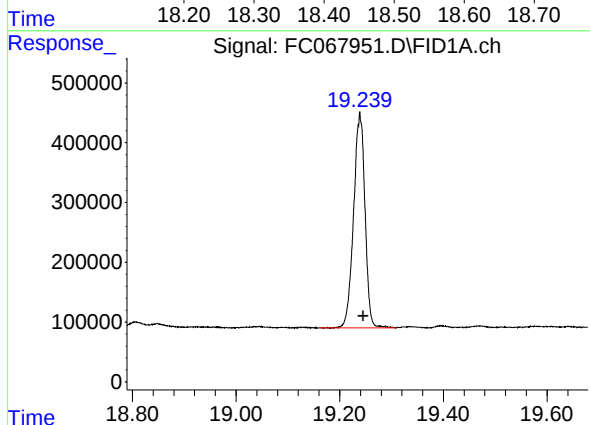
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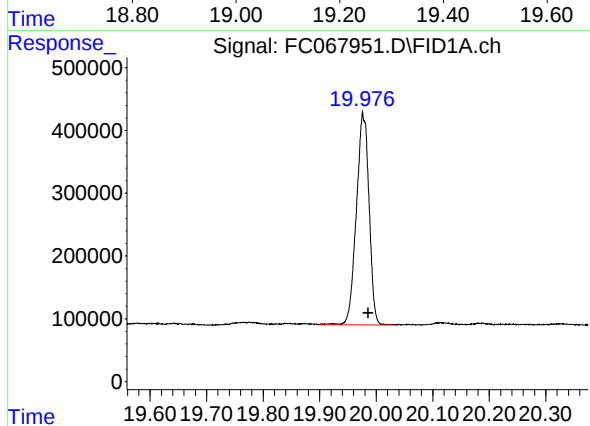
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 5511074
Conc: 37.31 ug/ml



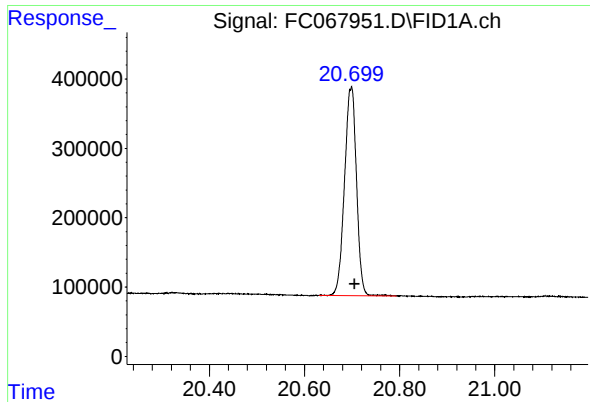
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min
Delta R.T.: -0.007 min
Response: 5488070
Conc: 43.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.976 min
Delta R.T.: -0.011 min
Response: 5254816
Conc: 50.24 ug/ml m



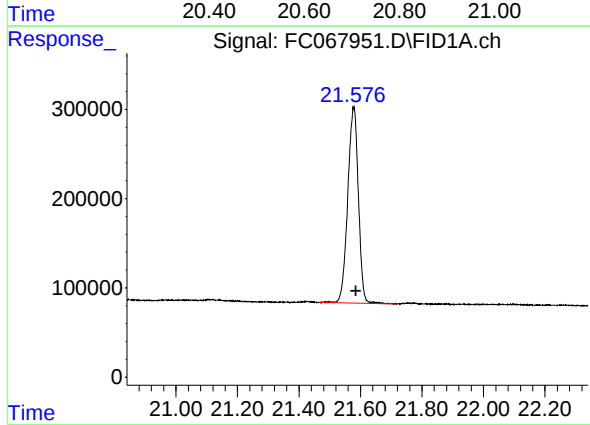
#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.007 min
Response: 5243538
Conc: 53.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: -0.007 min
Response: 5268132
Conc: 54.05 ug/ml