

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067974.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 14:49
 Operator : YP/AJ
 Sample : PB165523BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165523BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e
 Quant Time: Dec 11 00:21:08 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)	11.473	6414982	37.099 ug/ml
Spiked Amount 50.000		Recovery =	74.20%
12) S 1-chlorooctadecane (S...	12.910	5140911	40.291 ug/mlm
Spiked Amount 50.000		Recovery =	80.58%
Target Compounds			
1) T n-Nonane (C9)	3.263	6551905	42.170 ug/ml
2) T n-Decane (C10)	4.321	6891683	43.474 ug/ml
3) T A~Naphthalene (C11.7)	5.893	7829970	44.850 ug/ml
4) T n-Dodecane (C12)	6.332	7130663	44.286 ug/ml
5) T A~2-methylnaphthalene...	6.947	7210571	43.035 ug/mlm
6) T n-Tetradecane (C14)	8.126	7237085	45.517 ug/ml
7) T n-Hexadecane (C16)	9.723	7141746	44.207 ug/ml
8) T n-Octadecane (C18)	11.163	7090949	44.169 ug/ml
10) T n-Eicosane (C20)	12.471	7046438	46.842 ug/ml
11) T n-Heneicosane (C21)	13.082	6680267	45.719 ug/ml
13) T n-Docosane (C22)	13.667	6564237	45.857 ug/ml
14) T n-Tetracosane (C24)	14.736	12853413	92.505 ug/mlm
15) T n-Hexacosane (C26)	15.789	6119746	45.762 ug/ml
16) T n-Octacosane (C28)	16.735	5969150	46.019 ug/ml
17) T n-Tricontane (C30)	17.624	5891283	45.477 ug/ml
18) T n-Dotriacontane (C32)	18.453	5813649	46.927 ug/ml
19) T n-Tetratriacontane (C34)	19.235	5798513	53.125 ug/ml
20) T n-Hexatriacontane (C36)	19.973	5669204	59.922 ug/ml
21) T n-Octatriacontane (C38)	20.693	5697062	62.977 ug/ml
22) T n-Tetracontane (C40)	21.573	5708066	64.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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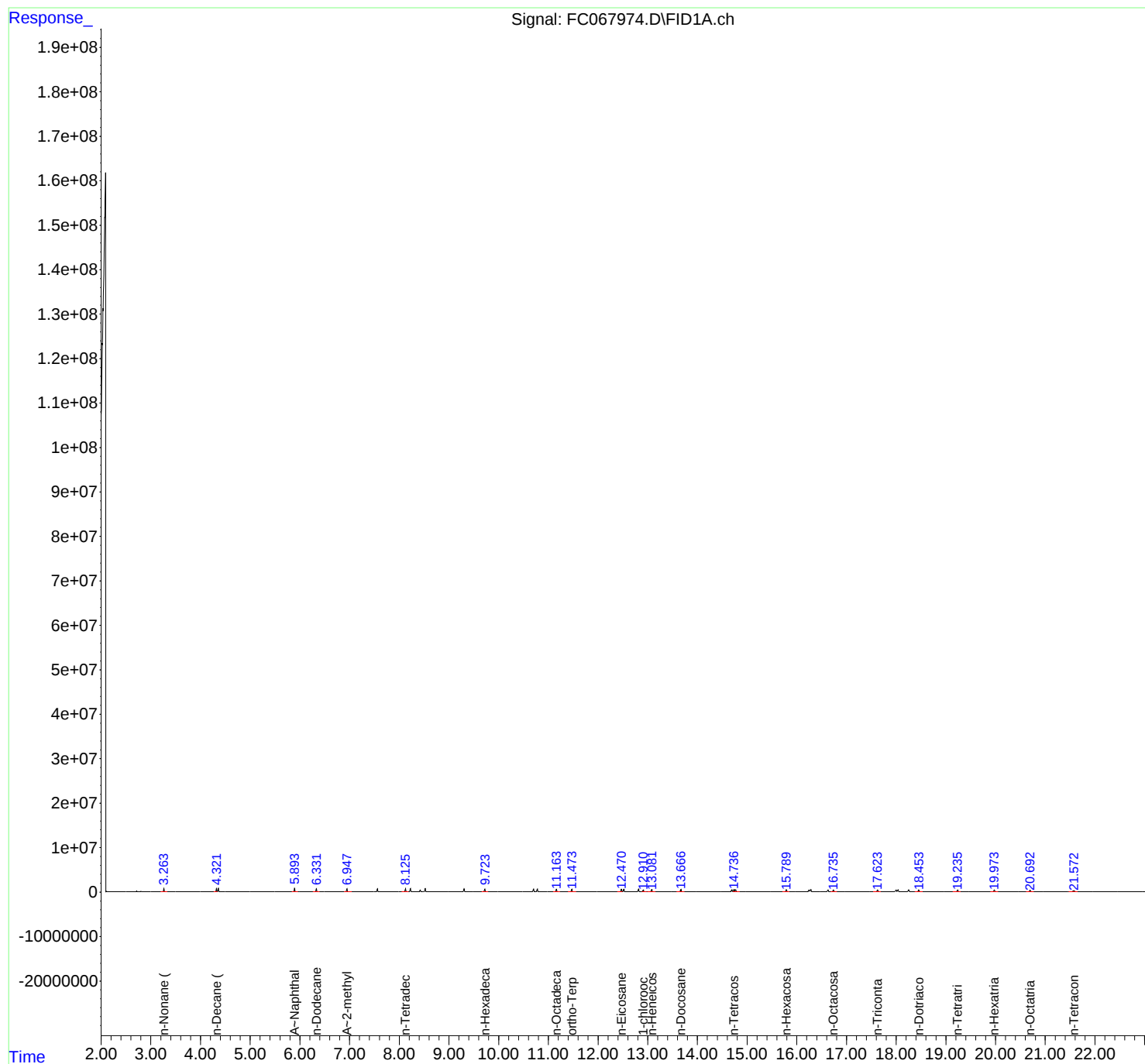
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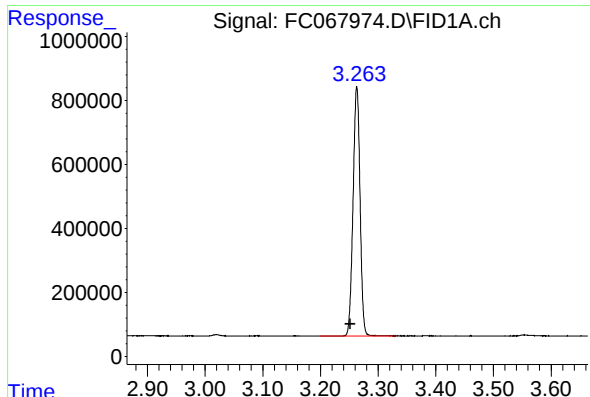
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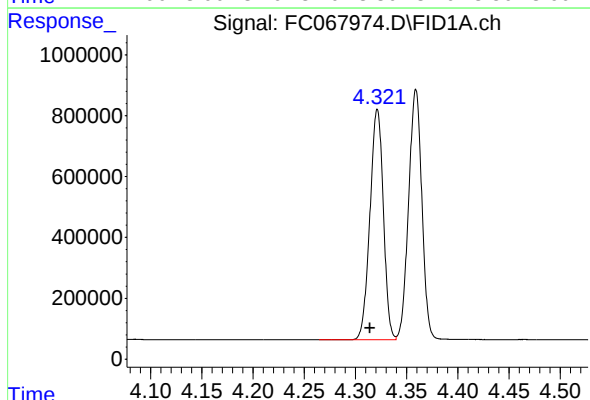
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.011 min
Response: 6551905
Conc: 42.17 ug/ml

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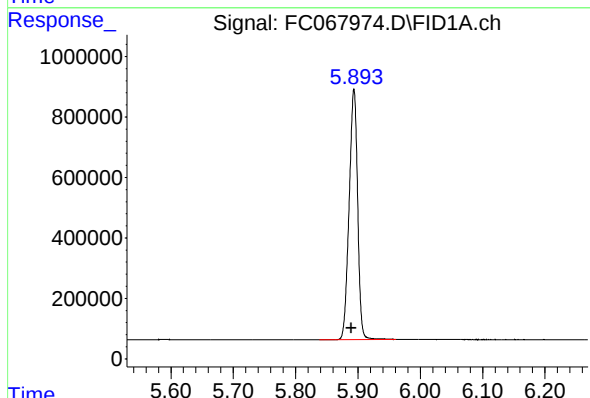
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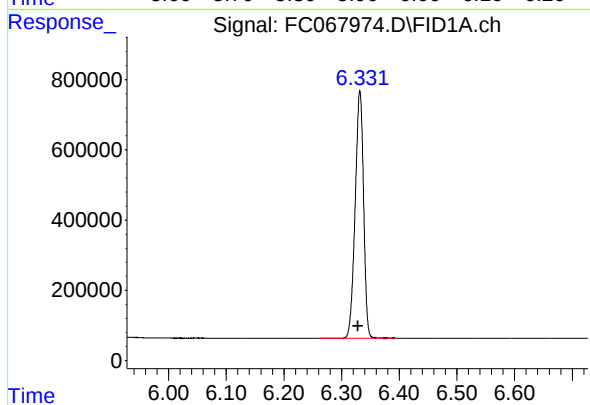
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.007 min
Response: 6891683
Conc: 43.47 ug/ml



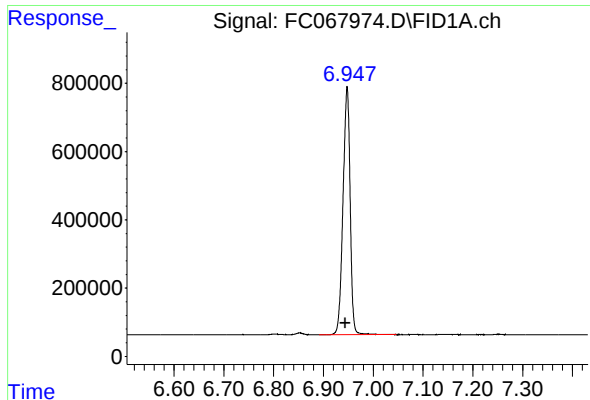
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 7829970
Conc: 44.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 7130663
Conc: 44.29 ug/ml



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

R.T.: 6.947 min
Delta R.T.: 0.003 min
Response: 7210571
Conc: 43.04 ug/ml

Instrument :

FID_C

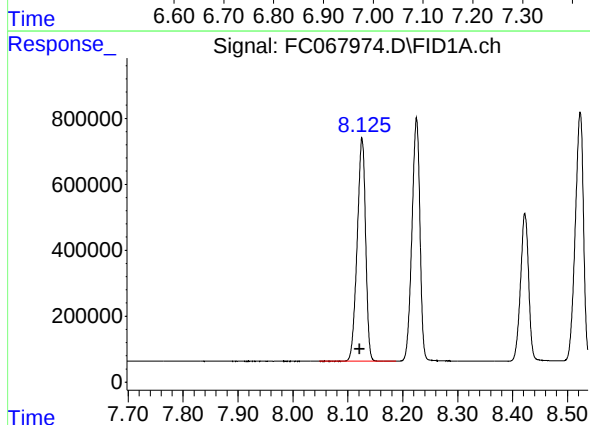
ClientSampleId :

PB165523BSD

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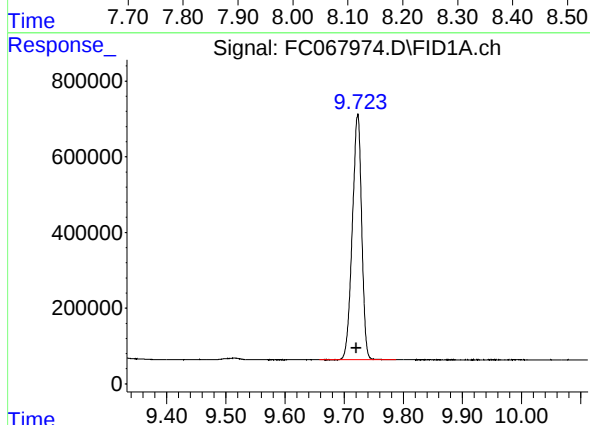
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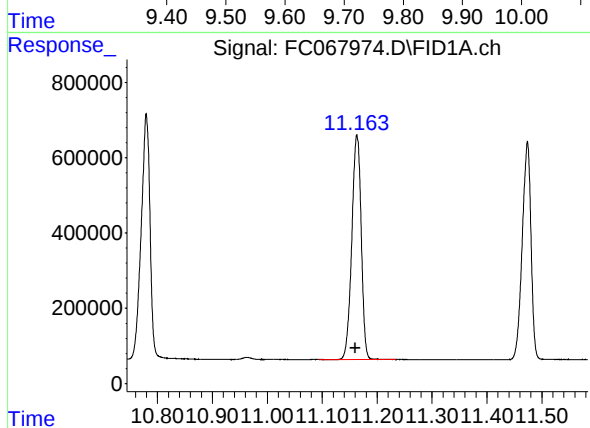
#6 n-Tetradecane (C14)

R.T.: 8.126 min
Delta R.T.: 0.004 min
Response: 7237085
Conc: 45.52 ug/ml



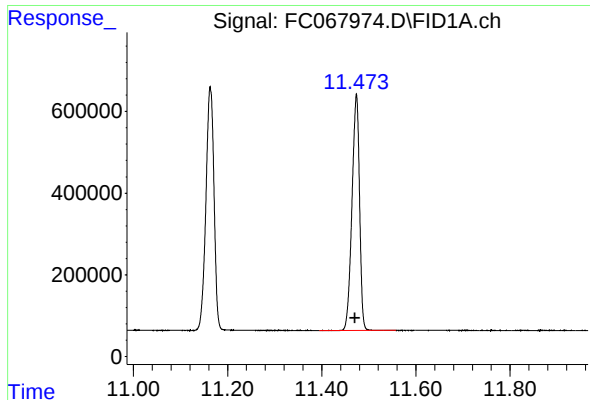
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.002 min
Response: 7141746
Conc: 44.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.003 min
Response: 7090949
Conc: 44.17 ug/ml



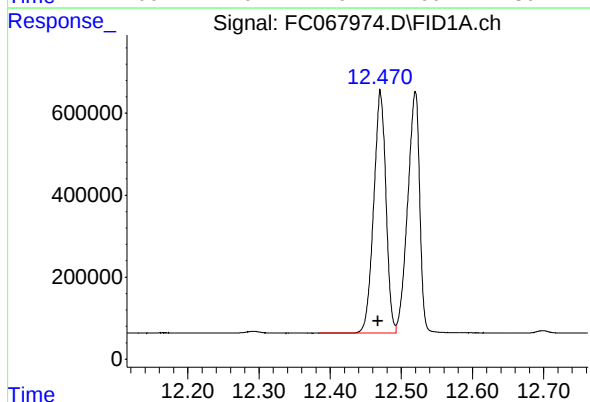
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.003 min
Response: 6414982
Conc: 37.10 ug/ml

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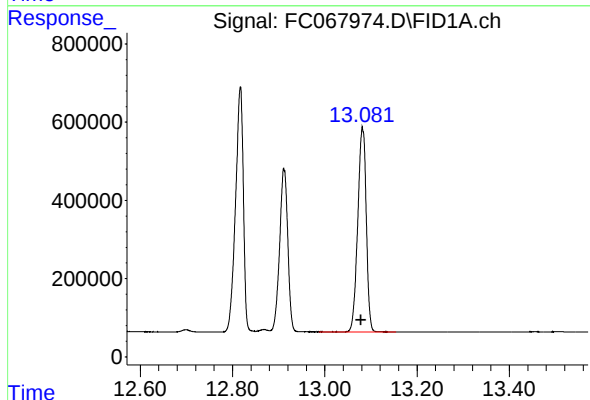
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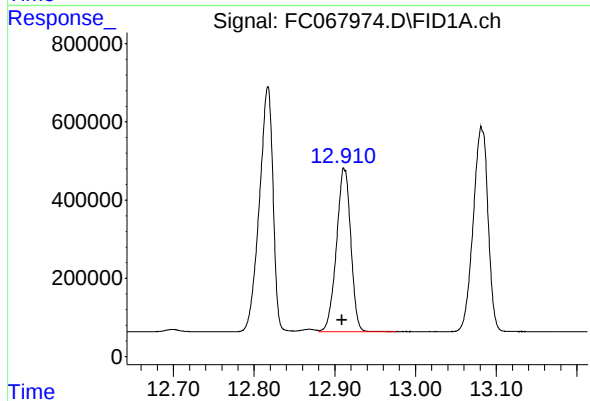
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 7046438
Conc: 46.84 ug/ml



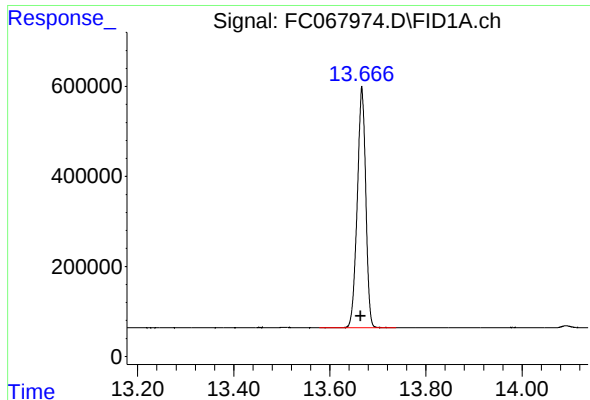
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: 0.003 min
Response: 6680267
Conc: 45.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: 0.001 min
Response: 5140911
Conc: 40.29 ug/ml m



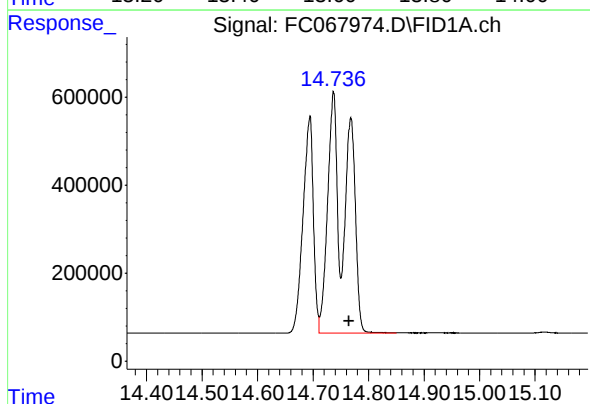
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: 0.003 min
Response: 6564237
Conc: 45.86 ug/ml

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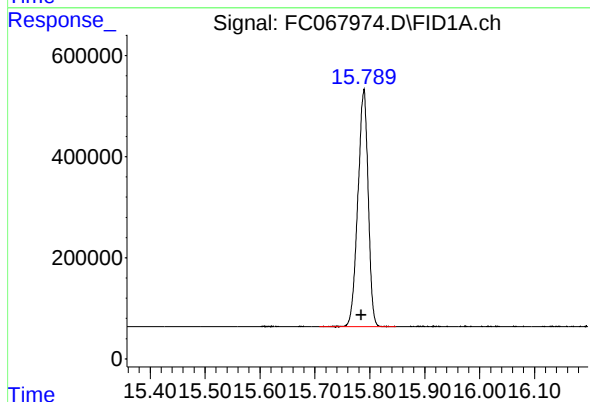
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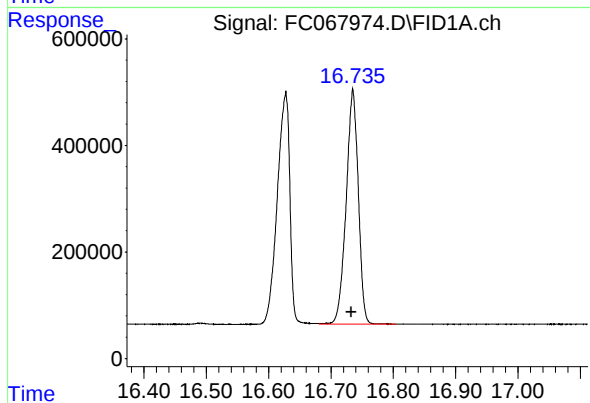
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.028 min
Response: 12853413
Conc: 92.50 ug/ml m



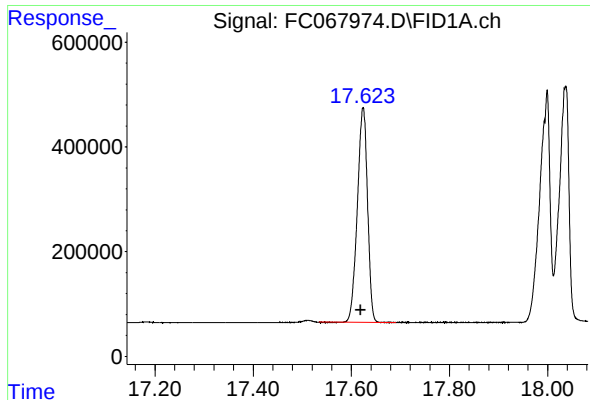
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 6119746
Conc: 45.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.002 min
Response: 5969150
Conc: 46.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: 0.005 min
Response: 5891283
Conc: 45.48 ug/ml

Instrument :

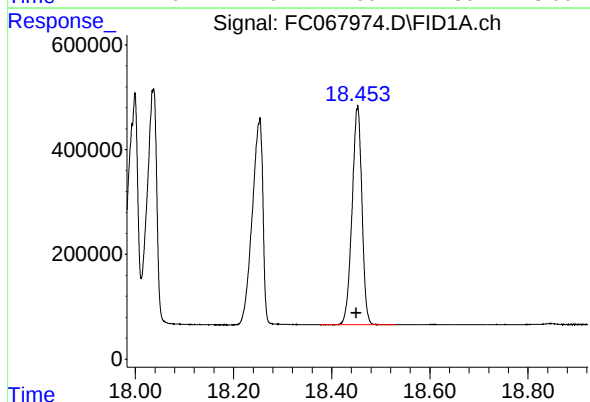
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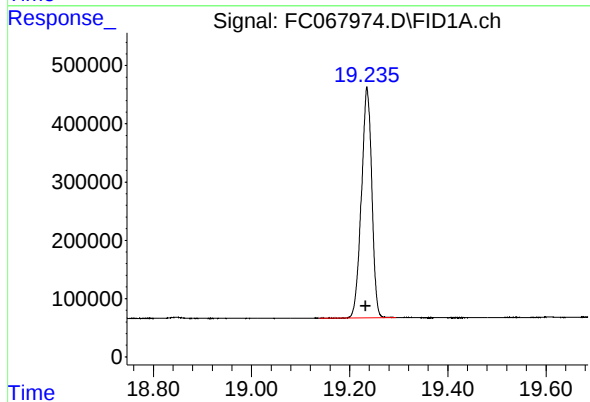
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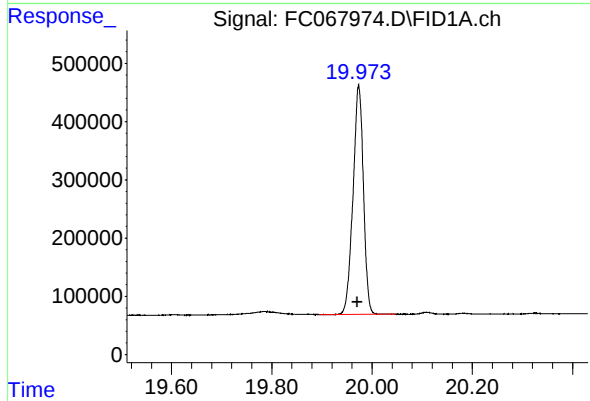
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.003 min
Response: 5813649
Conc: 46.93 ug/ml



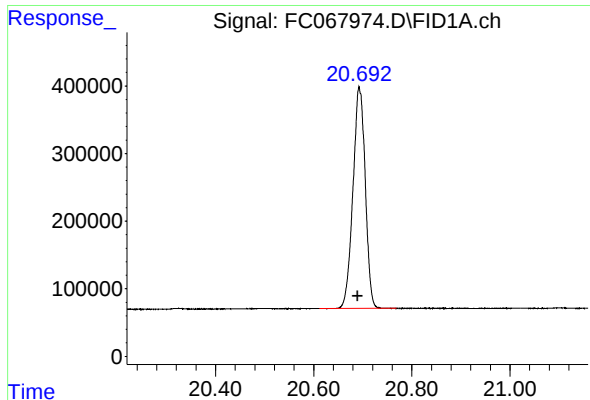
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.003 min
Response: 5798513
Conc: 53.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.003 min
Response: 5669204
Conc: 59.92 ug/ml



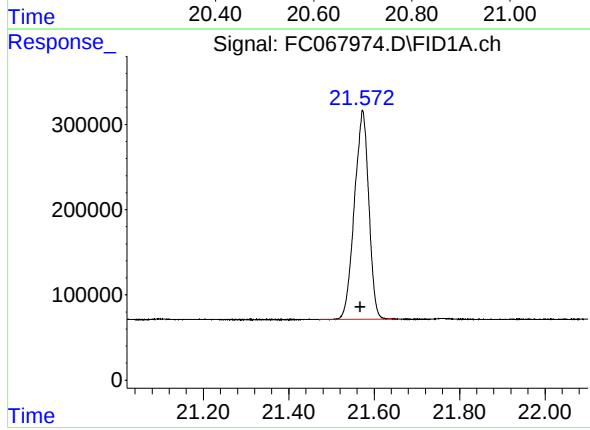
#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: 0.004 min
Response: 5697062
Conc: 62.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.573 min
Delta R.T.: 0.005 min
Response: 5708066
Conc: 64.76 ug/ml