

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091924AL\
 Data File : FC067174.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 15:29
 Operator : YP/AJ
 Sample : P4088-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-614-COMP-08MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e
 Quant Time: Sep 20 03:51:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.506	3799928	27.289 ug/ml
Spiked Amount 50.000		Recovery =	54.58%
12) S 1-chlorooctadecane (S...	12.944	2978091	30.486 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
Target Compounds			
1) T n-Nonane (C9)	3.281	4241051	31.973 ug/ml
2) T n-Decane (C10)	4.345	4813175	35.837 ug/ml
3) T A~Naphthalene (C11.7)	5.922	5256710	36.987 ug/ml
4) T n-Dodecane (C12)	6.361	4998037	37.339 ug/ml
5) T A~2-methylnaphthalene...	6.978	4850862	36.326 ug/ml
6) T n-Tetradecane (C14)	8.156	5433903	42.164 ug/ml
7) T n-Hexadecane (C16)	9.754	5843476	45.324 ug/ml
8) T n-Octadecane (C18)	11.196	5991554	46.830 ug/ml
10) T n-Eicosane (C20)	12.504	5978693	49.775 ug/ml
11) T n-Heneicosane (C21)	13.114	5716035	48.941 ug/ml
13) T n-Docosane (C22)	13.700	5630029	48.762 ug/ml
14) T n-Tetracosane (C24)	14.772	10947503	96.401 ug/mlm
15) T n-Hexacosane (C26)	15.823	5453417	49.206 ug/ml
16) T n-Octacosane (C28)	16.771	5275871	48.842 ug/ml
17) T n-Tricontane (C30)	17.658	5397212	49.619 ug/ml
18) T n-Dotriacontane (C32)	18.489	5358273	51.371 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5300102	57.448 ug/ml
20) T n-Hexatriacontane (C36)	20.011	5007284	63.185 ug/ml
21) T n-Octatriacontane (C38)	20.738	4851342	64.585 ug/ml
22) T n-Tetracontane (C40)	21.627	4351678	62.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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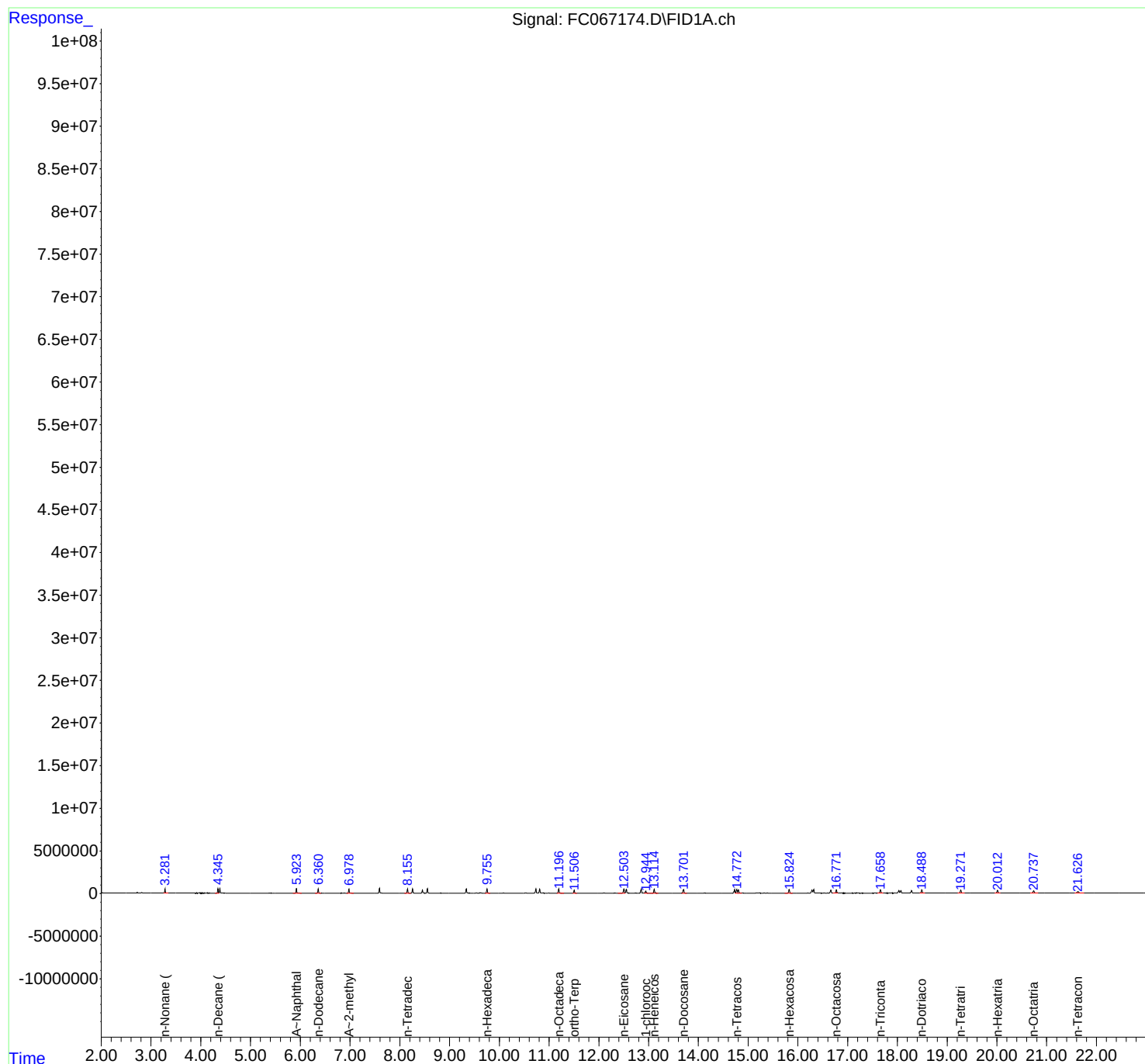
Instrument :
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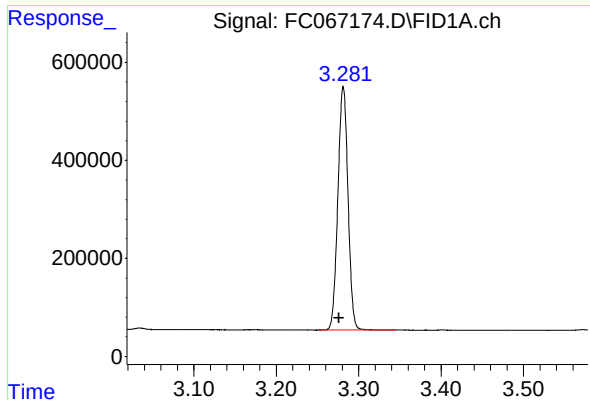
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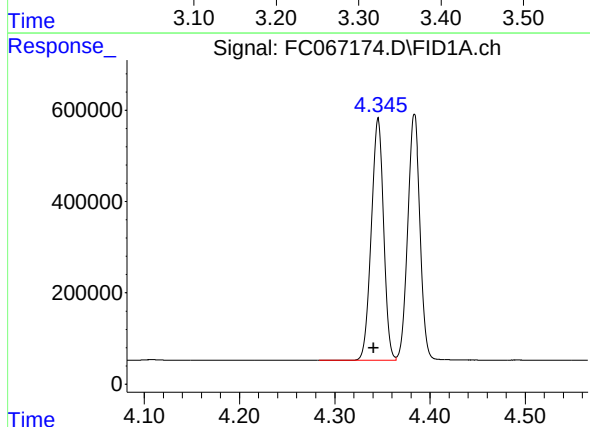
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 4241051
Conc: 31.97 ug/ml

Instrument : FID_C
ClientSampleId : NB-614-COMP-08MS

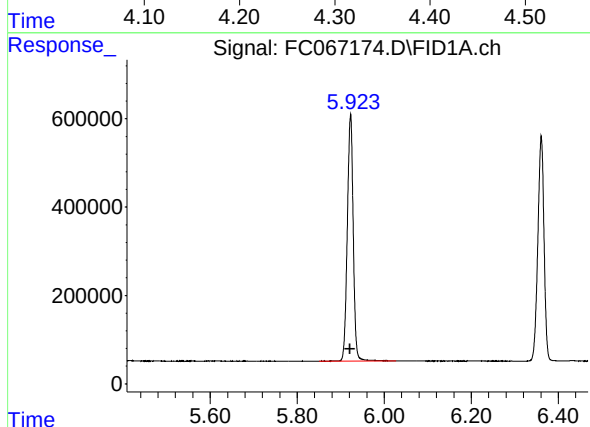
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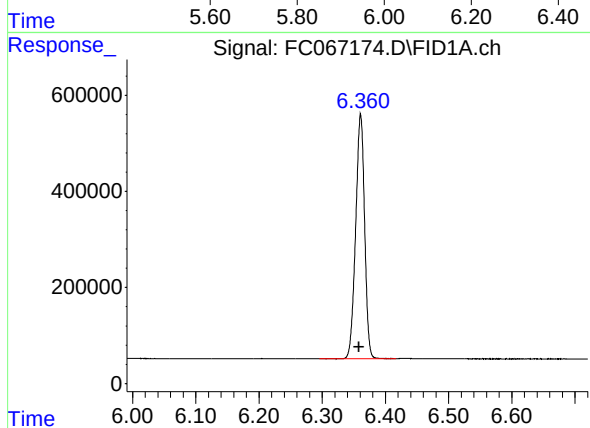
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: 0.005 min
Response: 4813175
Conc: 35.84 ug/ml



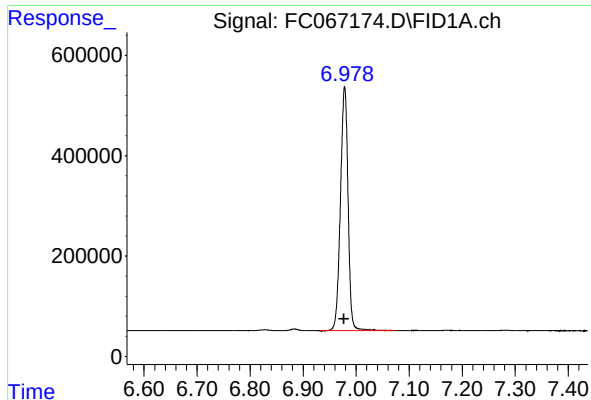
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 5256710
Conc: 36.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.002 min
Response: 4998037
Conc: 37.34 ug/ml



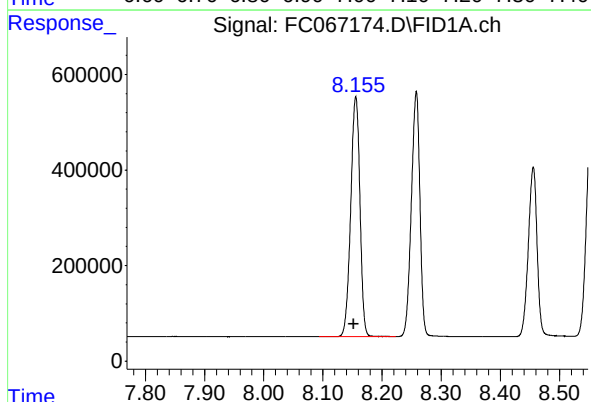
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 4850862
Conc: 36.33 ug/ml

Instrument : FID_C
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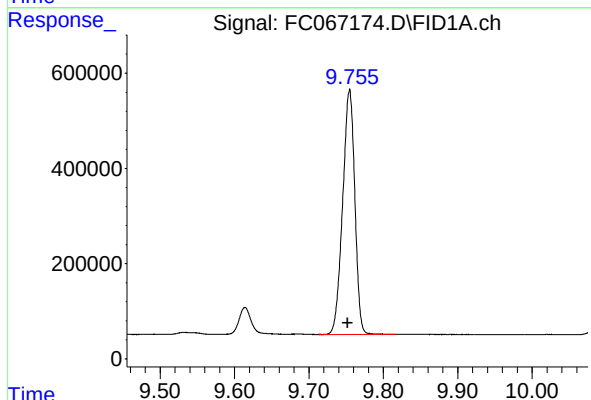
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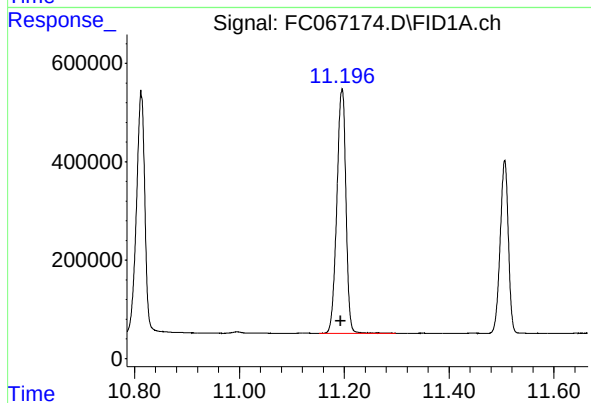
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 5433903
Conc: 42.16 ug/ml



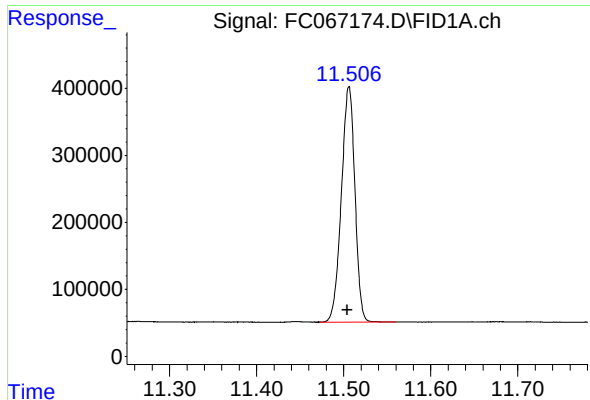
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.003 min
Response: 5843476
Conc: 45.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 5991554
Conc: 46.83 ug/ml



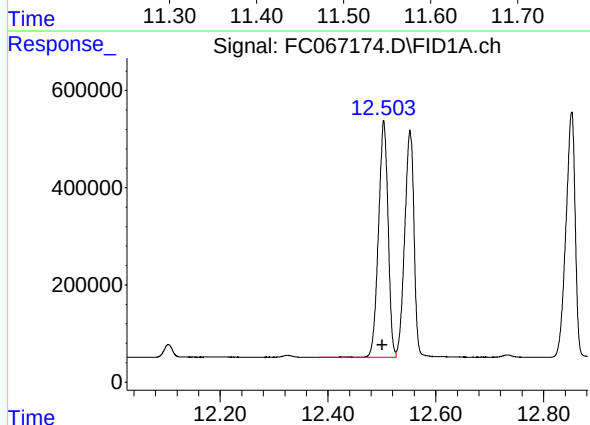
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.002 min
Response: 3799928
Conc: 27.29 ug/ml

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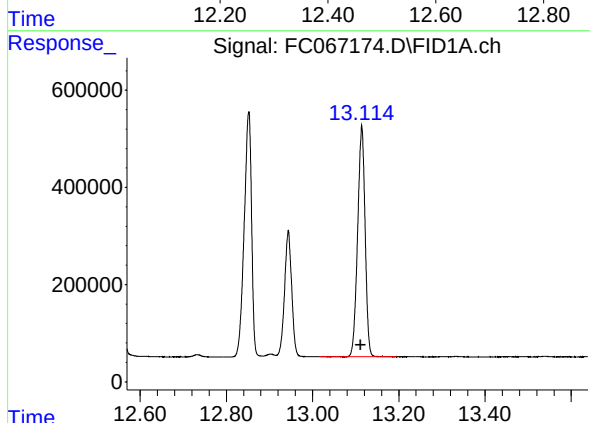
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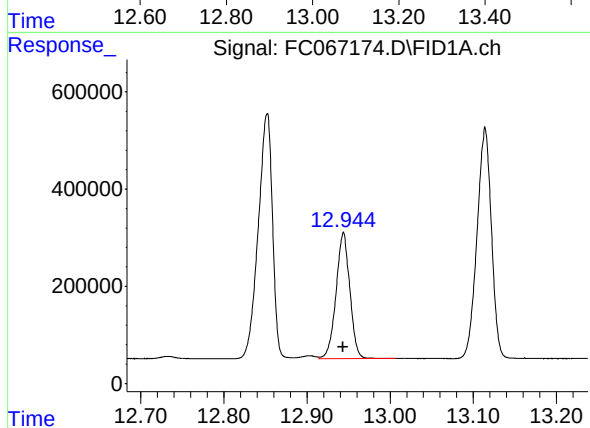
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 5978693
Conc: 49.78 ug/ml



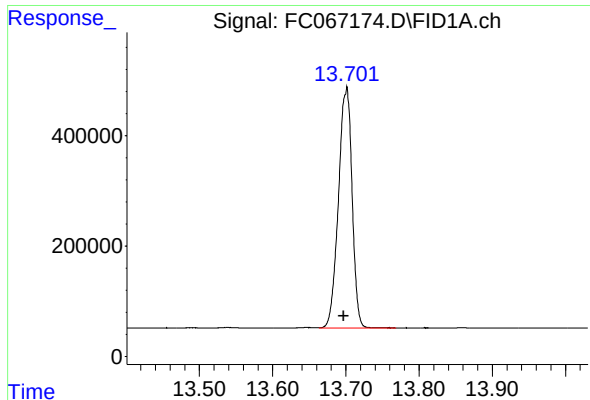
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.002 min
Response: 5716035
Conc: 48.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2978091
Conc: 30.49 ug/ml



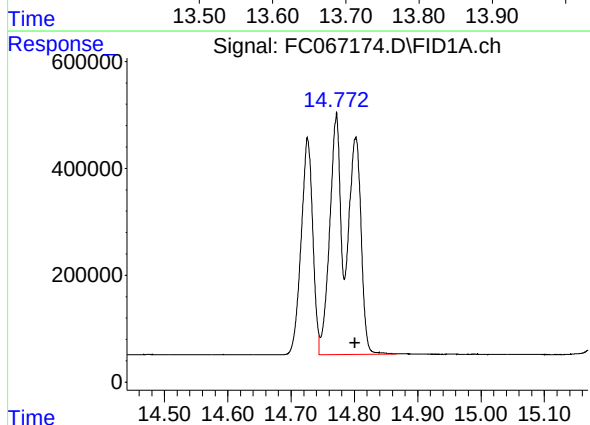
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5630029
Conc: 48.76 ug/ml

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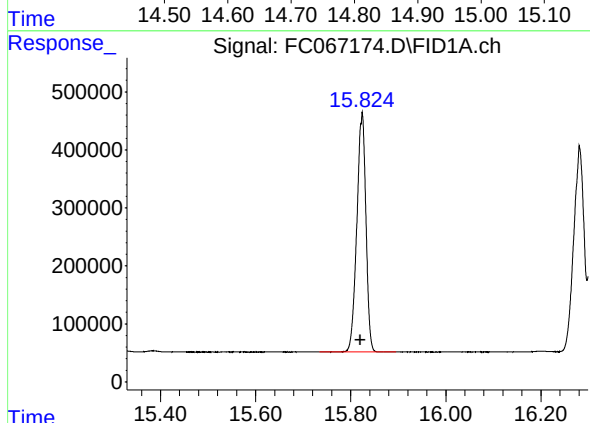
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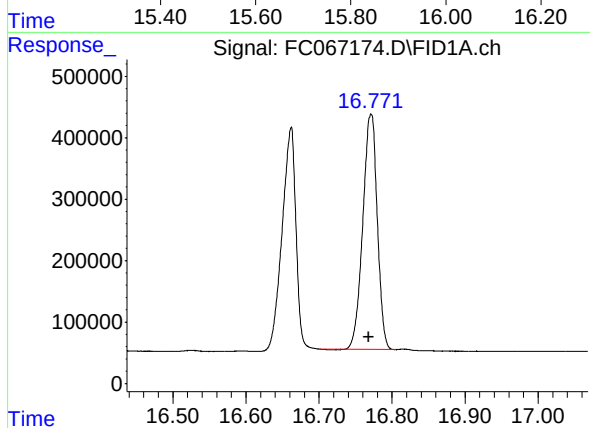
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: -0.029 min
Response: 10947503
Conc: 96.40 ug/ml m



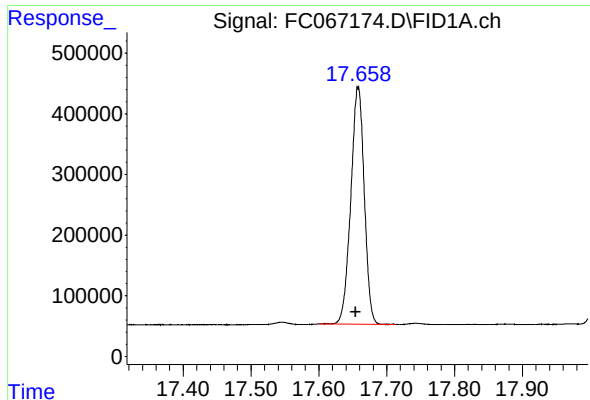
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: 0.003 min
Response: 5453417
Conc: 49.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min
Delta R.T.: 0.003 min
Response: 5275871
Conc: 48.84 ug/ml



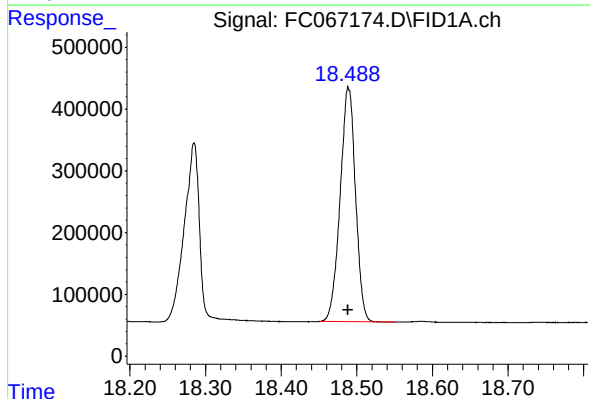
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.004 min
Response: 5397212
Conc: 49.62 ug/ml

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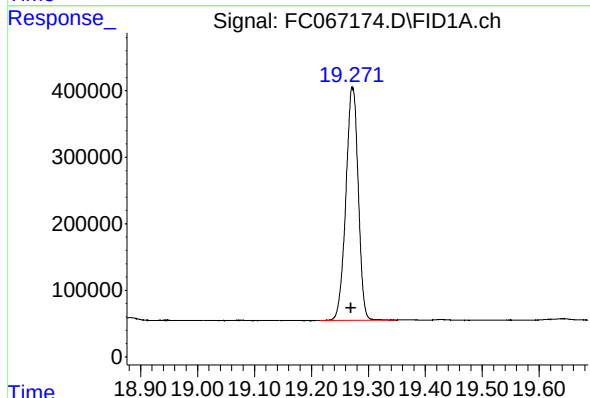
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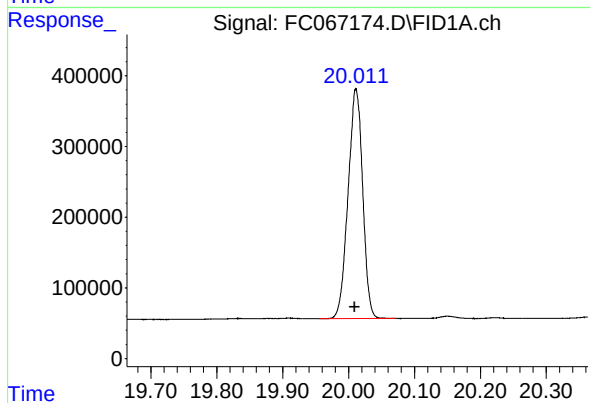
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 5358273
Conc: 51.37 ug/ml



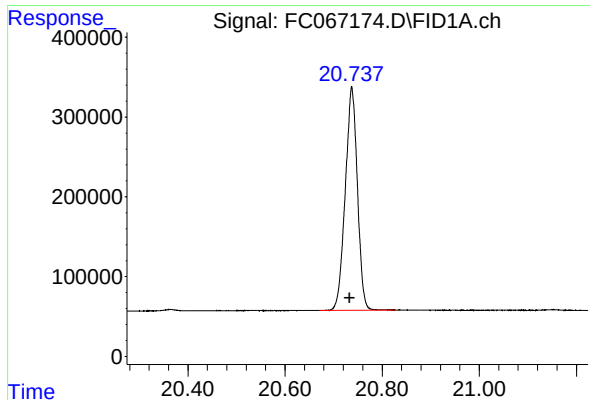
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 5300102
Conc: 57.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 5007284
Conc: 63.19 ug/ml



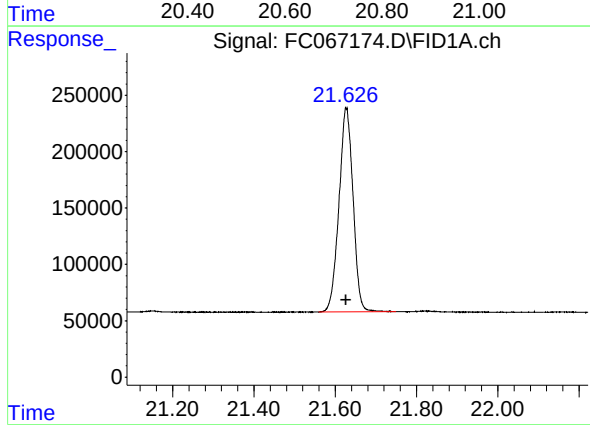
#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.004 min
Response: 4851342
Conc: 64.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 4351678
Conc: 62.29 ug/ml