

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014729.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 13:12
 Operator : YP\AJ
 Sample : PB164844BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB164844BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 22:11:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.954	6576757	42.910 ug/ml
Spiked Amount 50.000		Recovery =	85.82%
12) S 1-chlorooctadecane (S...	13.391	5081027	41.379 ug/ml
Spiked Amount 50.000		Recovery =	82.76%
Target Compounds			
1) T n-Nonane (C9)	3.336	6013554	46.468 ug/ml
2) T n-Decane (C10)	4.581	6344643	48.150 ug/mlm
3) T A~Naphthalene (C11.7)	6.281	6894974	48.065 ug/ml
4) T n-Dodecane (C12)	6.746	6531451	49.167 ug/ml
5) T A~2-methylnaphthalene...	7.378	6361610	45.600 ug/ml
6) T n-Tetradecane (C14)	8.579	6572540	49.536 ug/ml
7) T n-Hexadecane (C16)	10.189	6650174	47.856 ug/ml
8) T n-Octadecane (C18)	11.636	6762191	47.236 ug/ml
10) T n-Eicosane (C20)	12.948	6836534	48.614 ug/mlm
11) T n-Heneicosane (C21)	13.561	6572189	46.956 ug/ml
13) T n-Docosane (C22)	14.149	6499720	46.205 ug/ml
14) T n-Tetracosane (C24)	15.232	12298465	86.429 ug/mlm
15) T n-Hexacosane (C26)	16.276	6096241	43.190 ug/ml
16) T n-Octacosane (C28)	17.224	5945360	43.018 ug/ml
17) T n-Tricontane (C30)	18.115	5740387	41.416 ug/ml
18) T n-Dotriacontane (C32)	18.946	5523705	42.190 ug/ml
19) T n-Tetratriacontane (C34)	19.731	5420286	48.426 ug/ml
20) T n-Hexatriacontane (C36)	20.470	5125370	55.066 ug/ml
21) T n-Octatriacontane (C38)	21.219	5093485	60.965 ug/ml
22) T n-Tetracontane (C40)	22.161	5022838	66.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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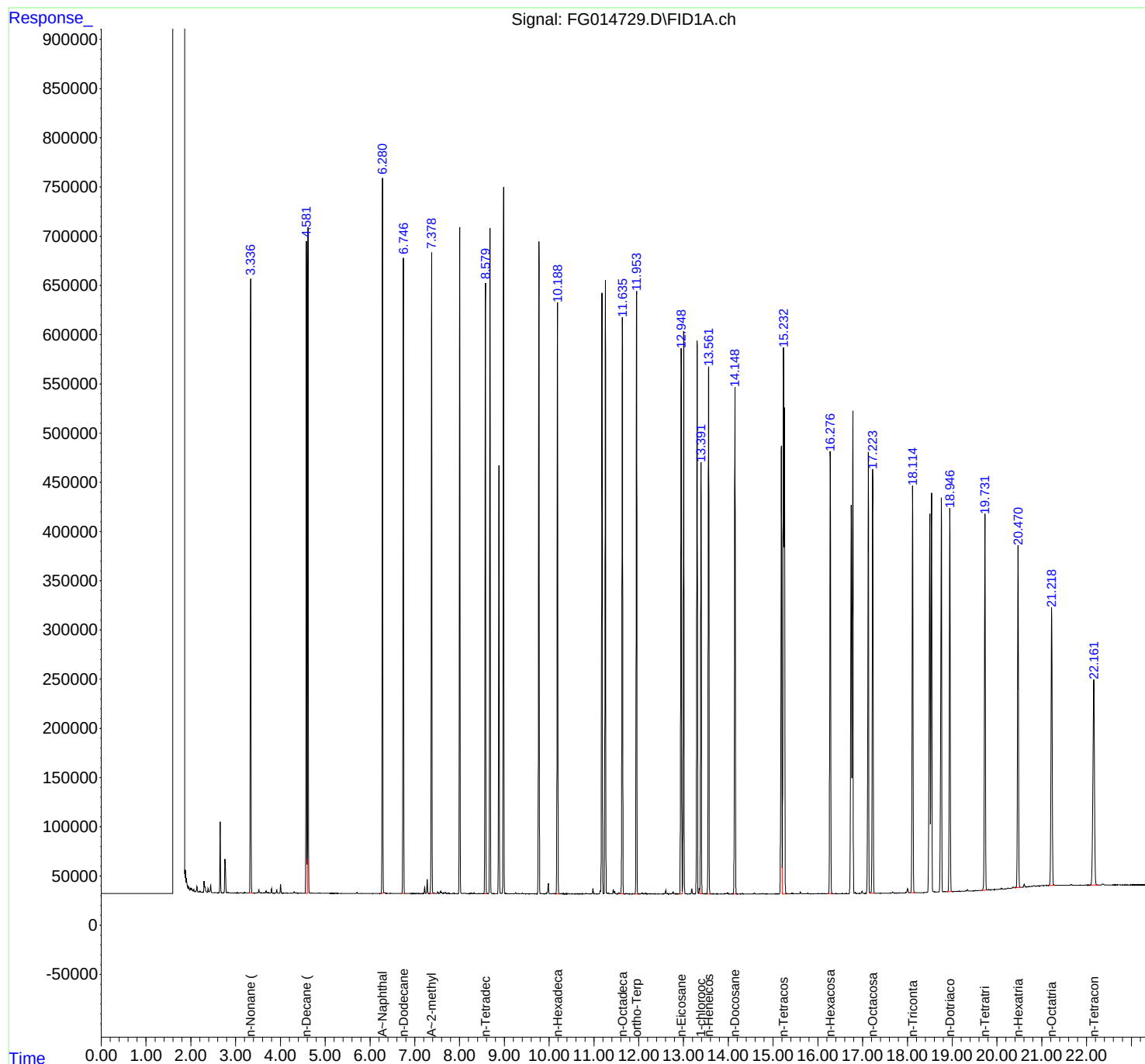
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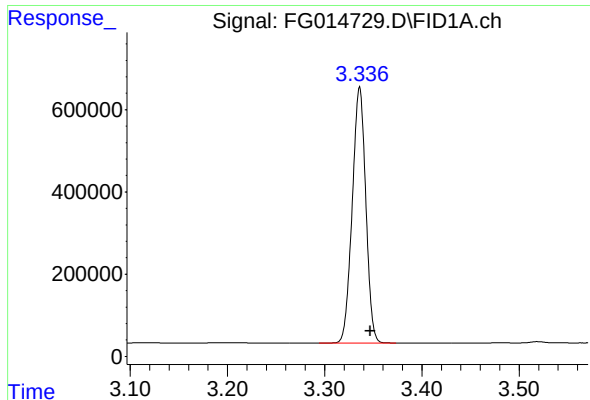
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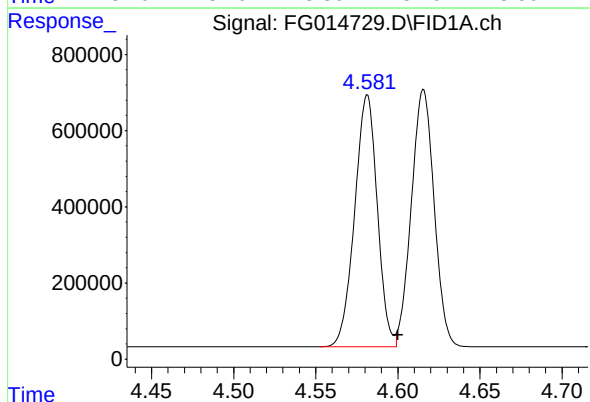
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.011 min
Response: 6013554
Conc: 46.47 ug/ml

Instrument :
FID_G
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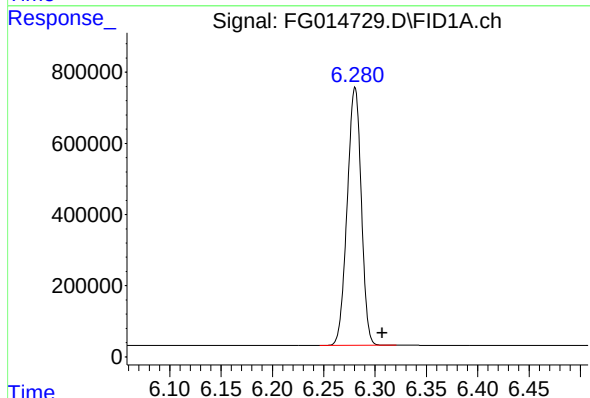
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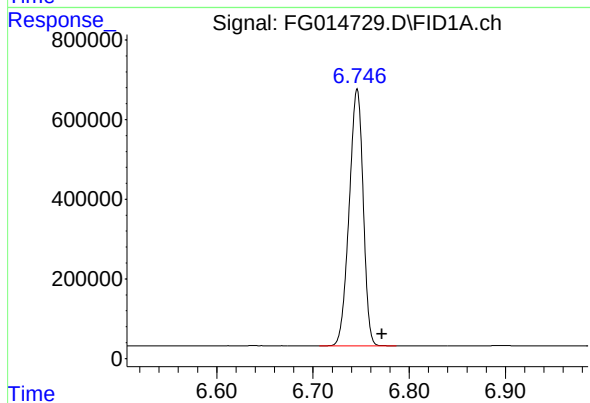
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.019 min
Response: 6344643
Conc: 48.15 ug/ml



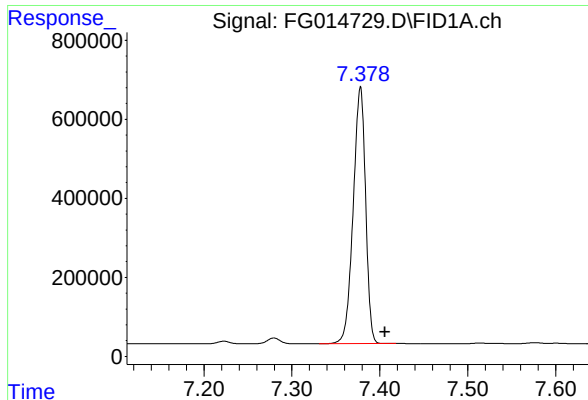
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.027 min
Response: 6894974
Conc: 48.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.026 min
Response: 6531451
Conc: 49.17 ug/ml



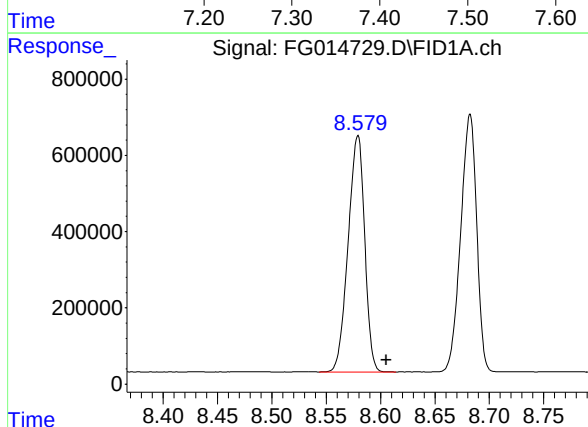
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.028 min
Response: 6361610
Conc: 45.60 ug/ml

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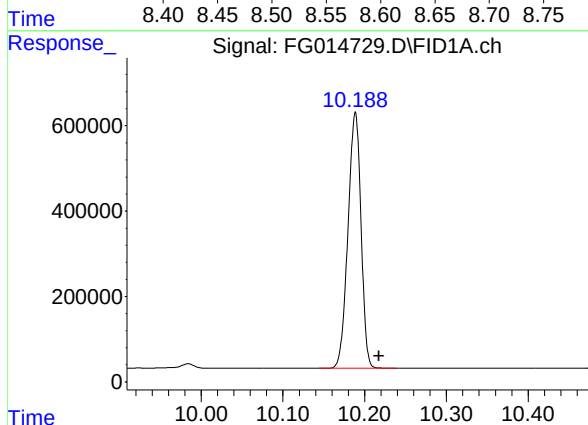
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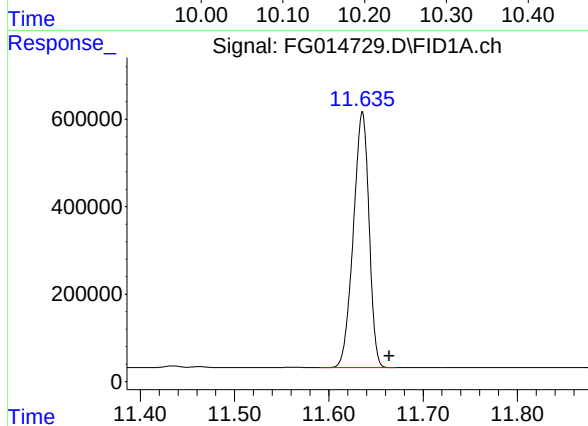
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.026 min
Response: 6572540
Conc: 49.54 ug/ml



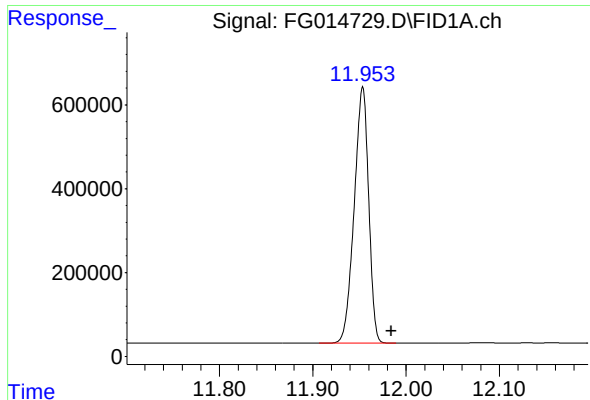
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.029 min
Response: 6650174
Conc: 47.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.029 min
Response: 6762191
Conc: 47.24 ug/ml



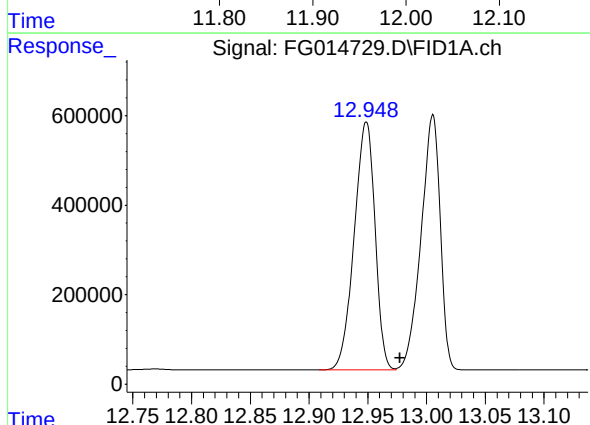
#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: -0.031 min
Response: 6576757
Conc: 42.91 ug/ml

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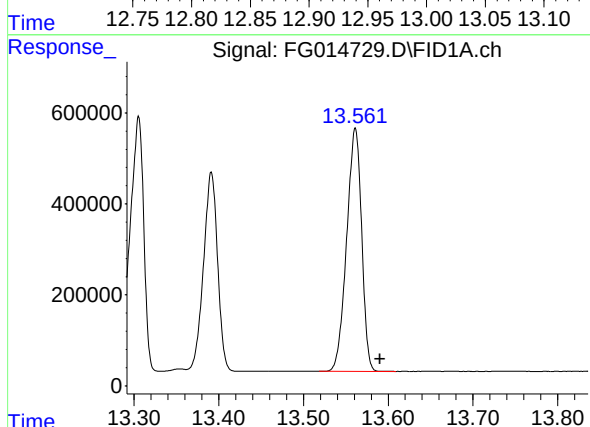
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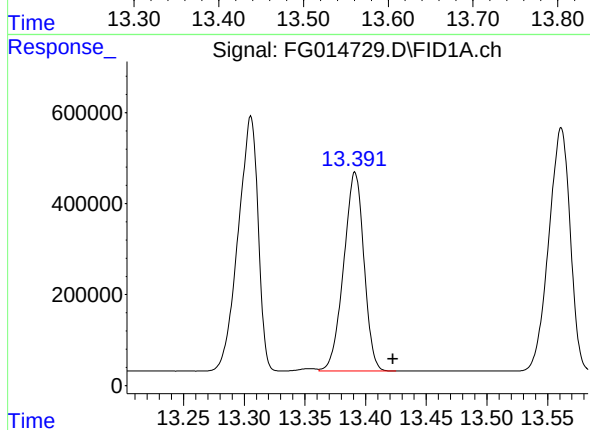
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.029 min
Response: 6836534
Conc: 48.61 ug/ml



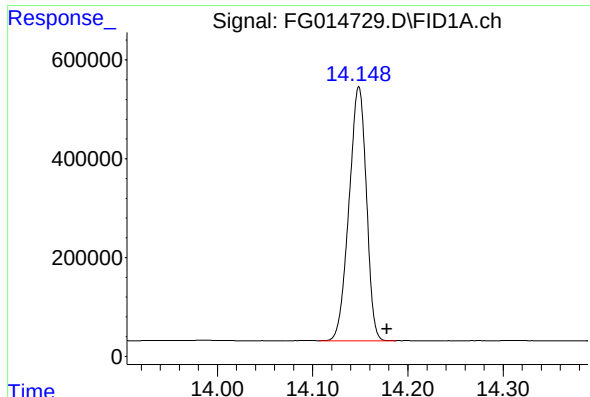
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.029 min
Response: 6572189
Conc: 46.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.031 min
Response: 5081027
Conc: 41.38 ug/ml



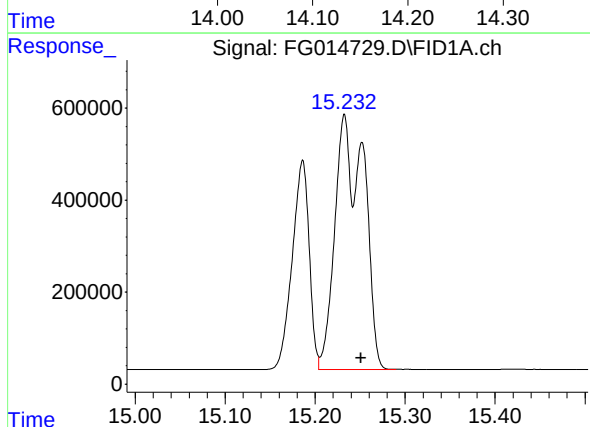
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 6499720
Conc: 46.20 ug/ml

Instrument :
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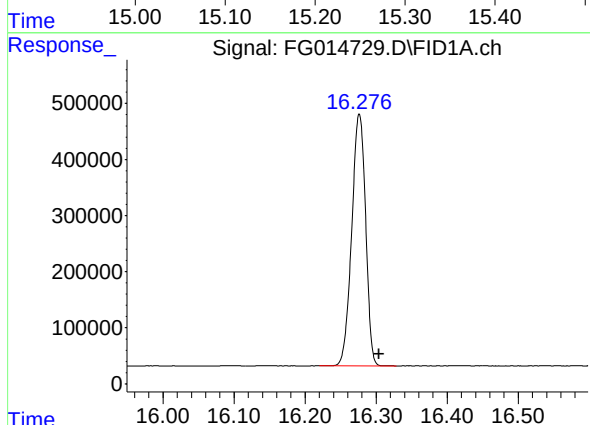
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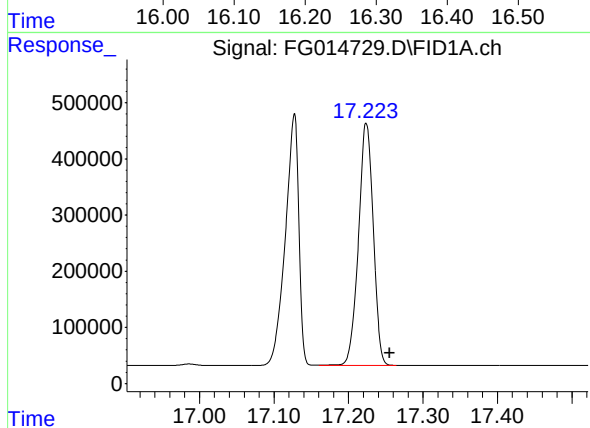
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.019 min
Response: 12298465
Conc: 86.43 ug/ml m



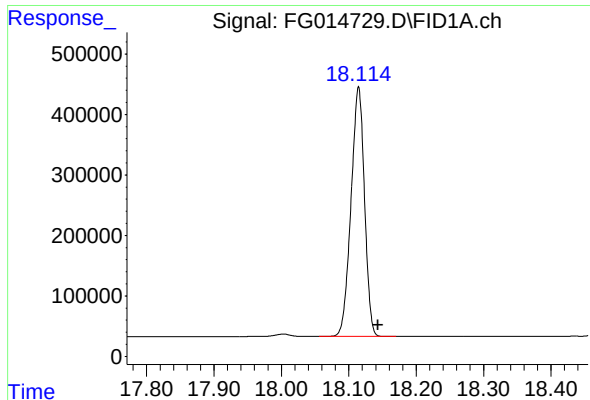
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.028 min
Response: 6096241
Conc: 43.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.031 min
Response: 5945360
Conc: 43.02 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.029 min
Response: 5740387
Conc: 41.42 ug/ml

Instrument :

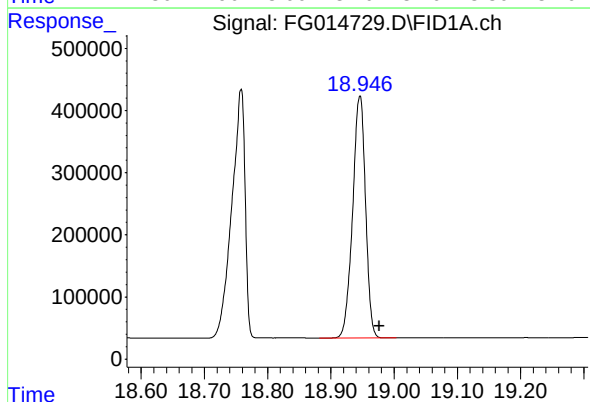
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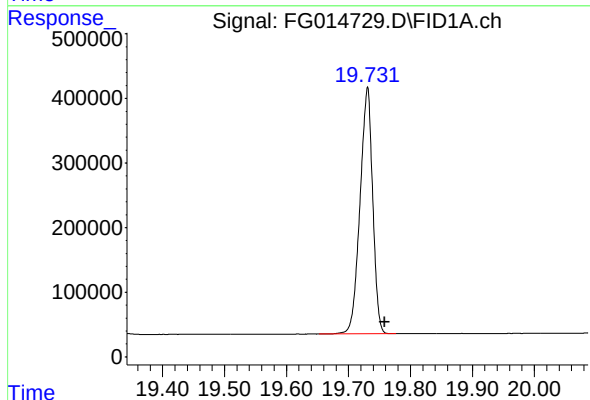
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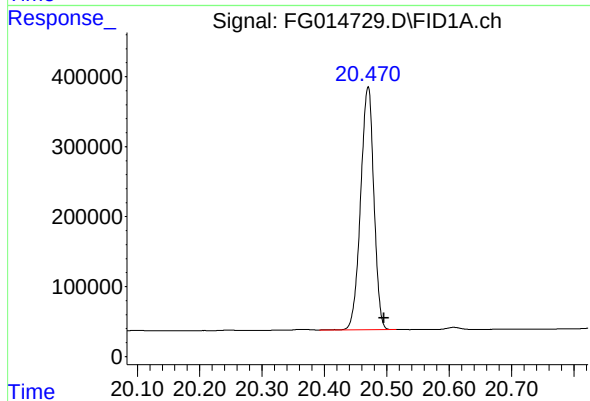
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.030 min
Response: 5523705
Conc: 42.19 ug/ml



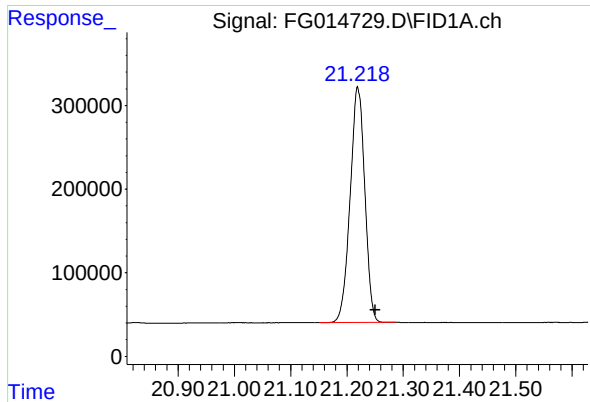
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.028 min
Response: 5420286
Conc: 48.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.025 min
Response: 5125370
Conc: 55.07 ug/ml



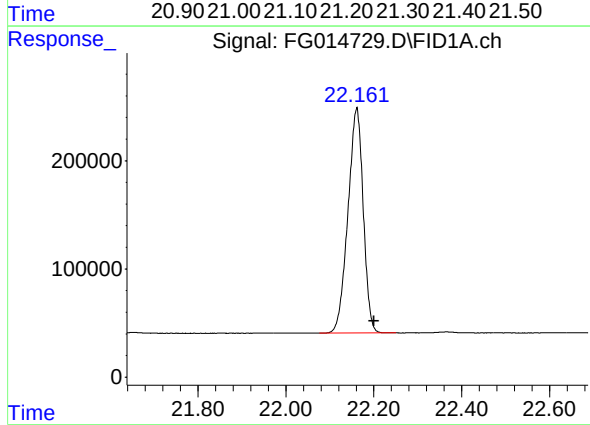
#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.032 min
Response: 5093485
Conc: 60.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.039 min
Response: 5022838
Conc: 66.05 ug/ml