

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015051.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 15:24
 Operator : YP\AJ
 Sample : P5398-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 341-349MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/02/2025
 Supervised By :Ankita Jodhani 01/02/2025

Integration File: autoint1.e
 Quant Time: Jan 01 01:09:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 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)	11.948	4779015	30.293 ug/ml
Spiked Amount 50.000		Recovery =	60.59%
12) S 1-chlorooctadecane (S...	13.394	3983781	31.525 ug/ml
Spiked Amount 50.000		Recovery =	63.05%
Target Compounds			
1) T n-Nonane (C9)	3.291	3637901	28.456 ug/ml
2) T n-Decane (C10)	4.551	4072349	31.247 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4932102	34.359 ug/ml
4) T n-Dodecane (C12)	6.730	4499834	34.057 ug/ml
5) T A~2-methylnaphthalene...	7.363	4910614	35.034 ug/ml
6) T n-Tetradecane (C14)	8.569	5275497	39.547 ug/ml
7) T n-Hexadecane (C16)	10.183	5707486	40.434 ug/ml
8) T n-Octadecane (C18)	11.633	5857318	39.981 ug/ml
10) T n-Eicosane (C20)	12.949	6056698	41.739 ug/ml
11) T n-Heneicosane (C21)	13.564	5804237	40.052 ug/ml
13) T n-Docosane (C22)	14.152	5758386	39.400 ug/ml
14) T n-Tetracosane (C24)	15.237	11152355	74.685 ug/mlm
15) T n-Hexacosane (C26)	16.287	5442477	36.267 ug/ml
16) T n-Octacosane (C28)	17.238	5312458	35.487 ug/ml
17) T n-Tricontane (C30)	18.129	5197385	33.860 ug/ml
18) T n-Dotriacontane (C32)	18.964	5016398	34.001 ug/ml
19) T n-Tetratriacontane (C34)	19.750	4845257	37.966 ug/ml
20) T n-Hexatriacontane (C36)	20.492	4515735	41.862 ug/ml
21) T n-Octatriacontane (C38)	21.243	4318839	43.088 ug/ml
22) T n-Tetracontane (C40)	22.186	4108286	43.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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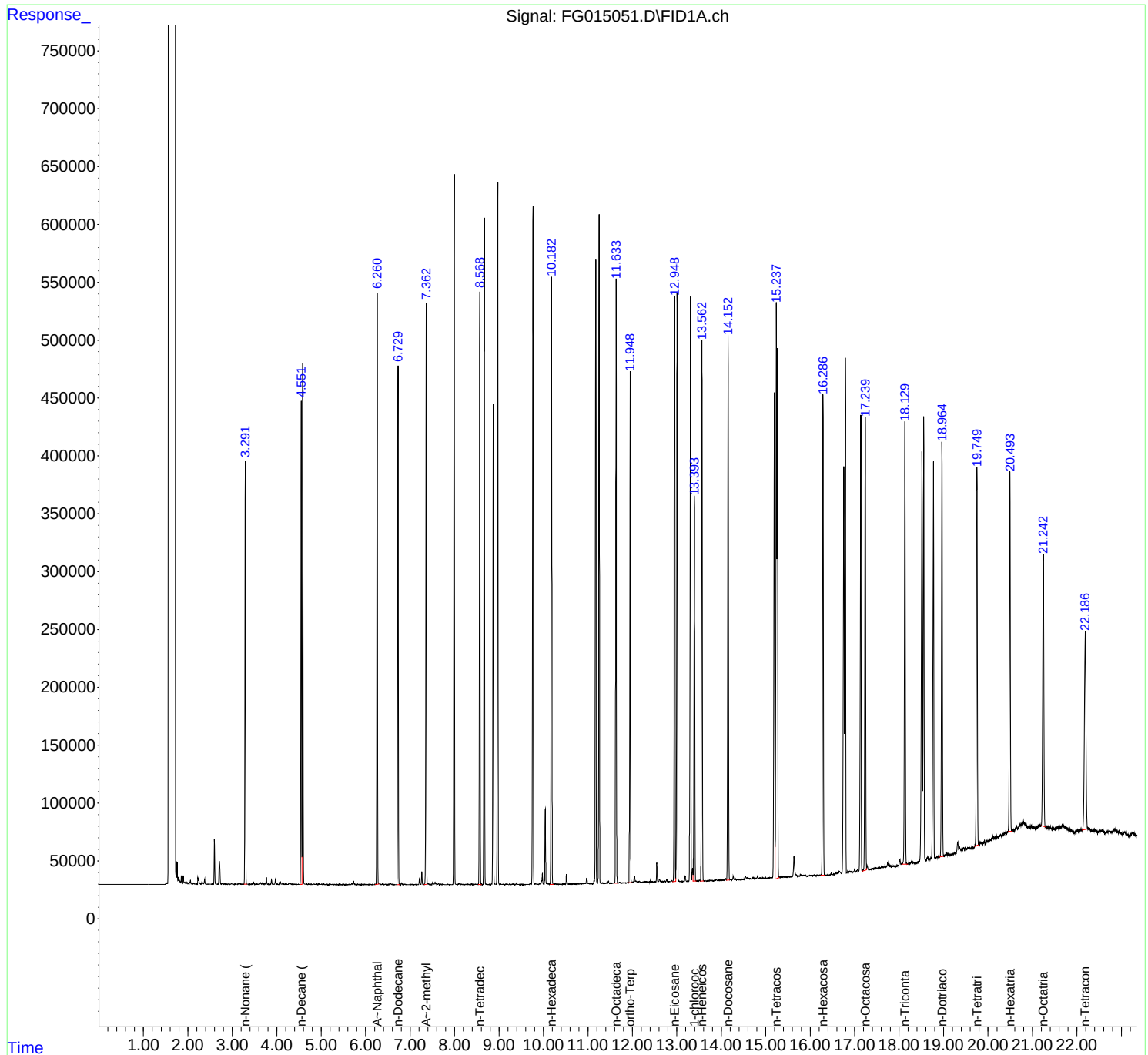
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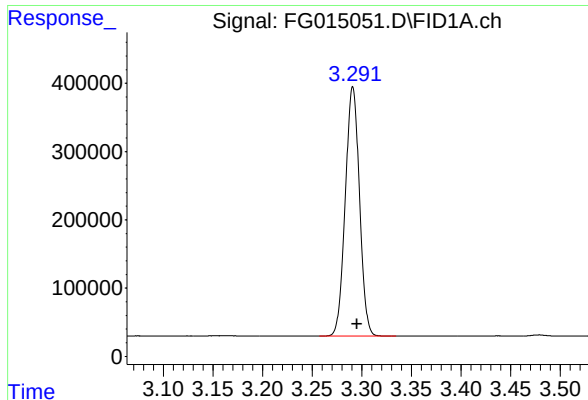
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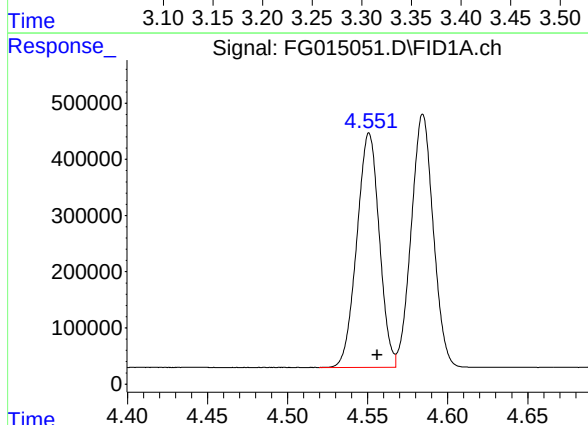
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 3637901
Conc: 28.46 ug/ml

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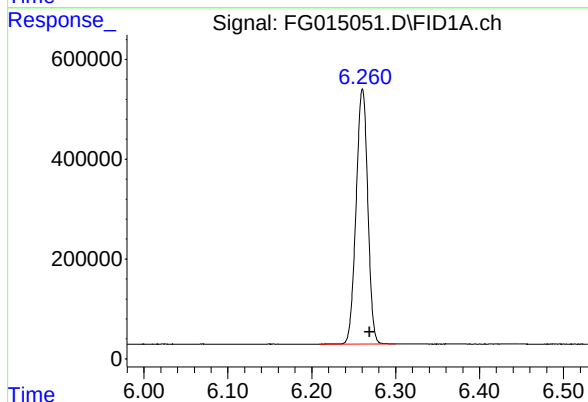
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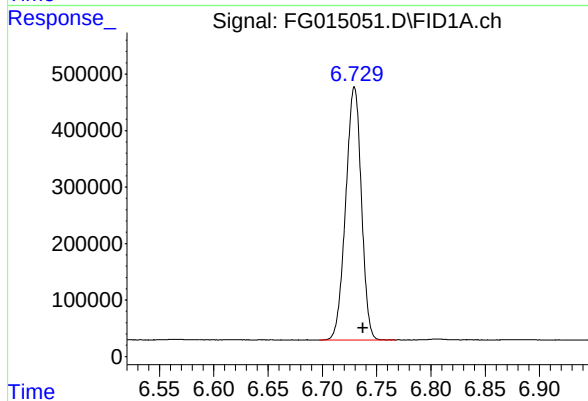
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.005 min
Response: 4072349
Conc: 31.25 ug/ml



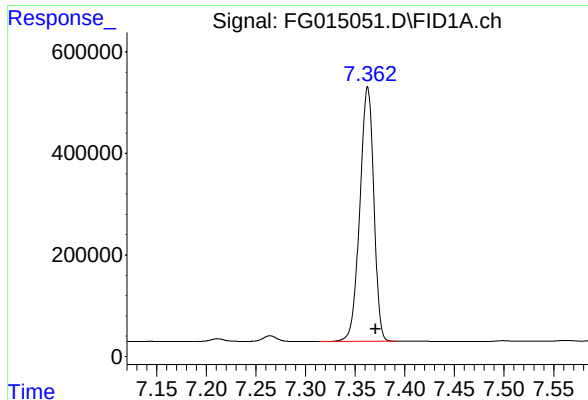
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 4932102
Conc: 34.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 4499834
Conc: 34.06 ug/ml



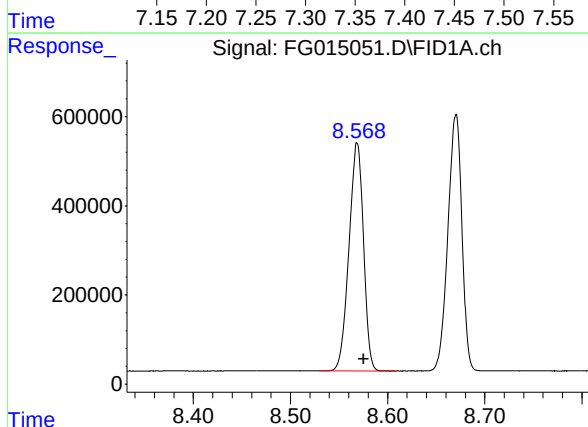
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 4910614
Conc: 35.03 ug/ml

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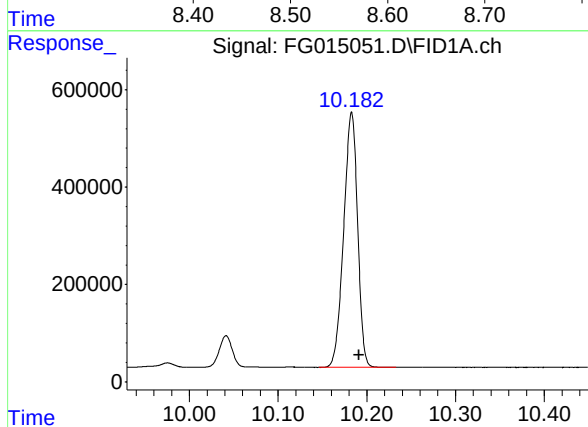
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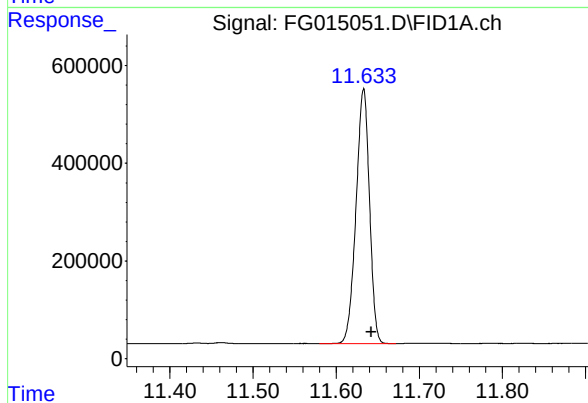
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 5275497
Conc: 39.55 ug/ml



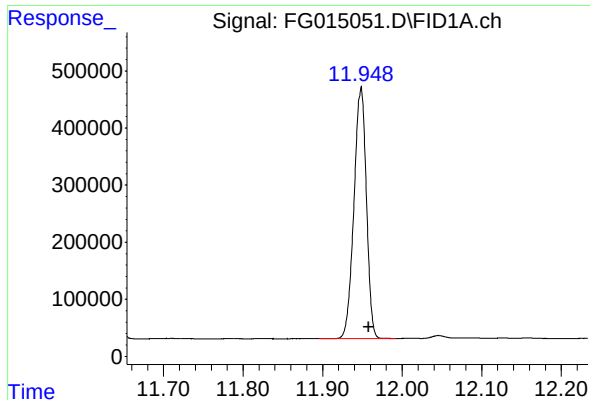
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.008 min
Response: 5707486
Conc: 40.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.009 min
Response: 5857318
Conc: 39.98 ug/ml



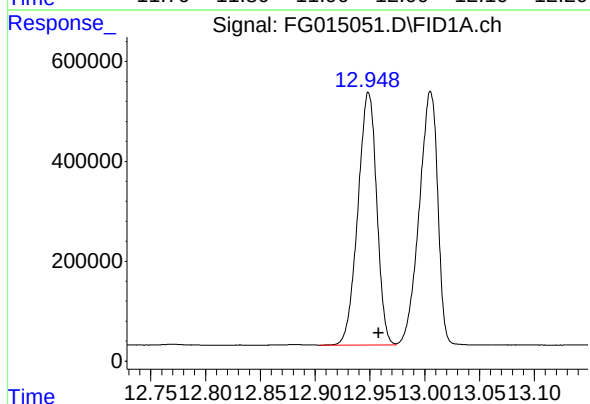
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.010 min
Response: 4779015
Conc: 30.29 ug/ml

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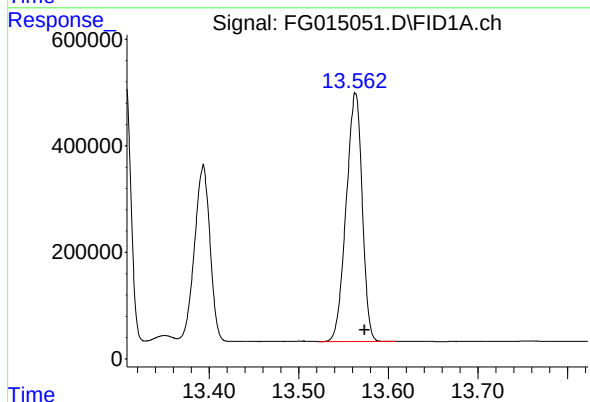
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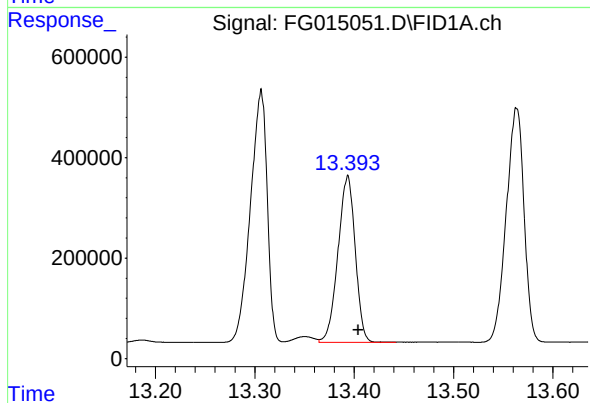
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.009 min
Response: 6056698
Conc: 41.74 ug/ml



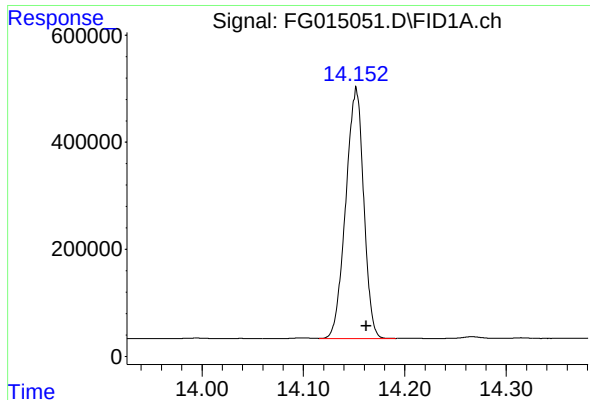
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.010 min
Response: 5804237
Conc: 40.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 3983781
Conc: 31.53 ug/ml



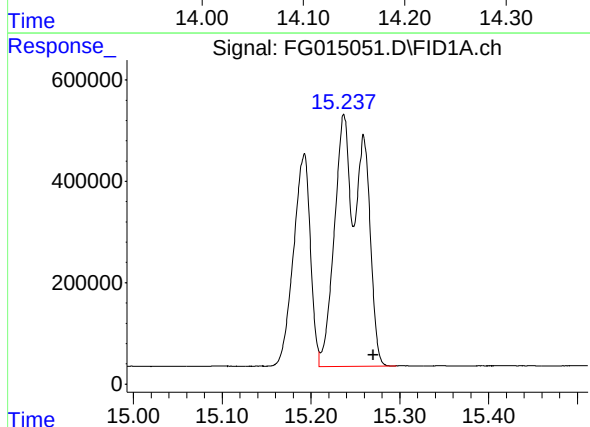
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.010 min
Response: 5758386
Conc: 39.40 ug/ml

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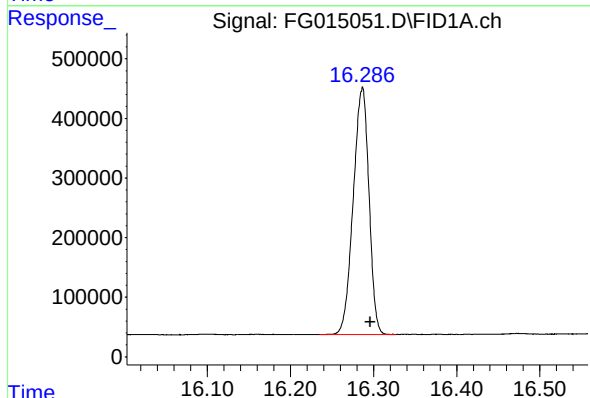
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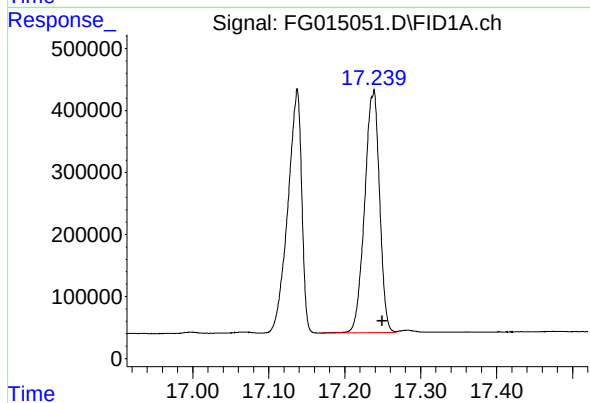
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.033 min
Response: 11152355
Conc: 74.68 ug/ml



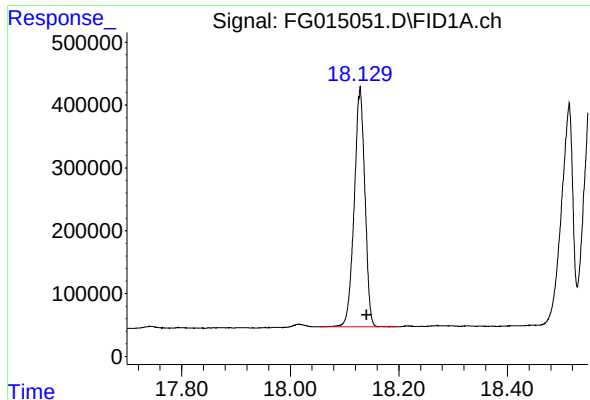
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: -0.010 min
Response: 5442477
Conc: 36.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: -0.011 min
Response: 5312458
Conc: 35.49 ug/ml



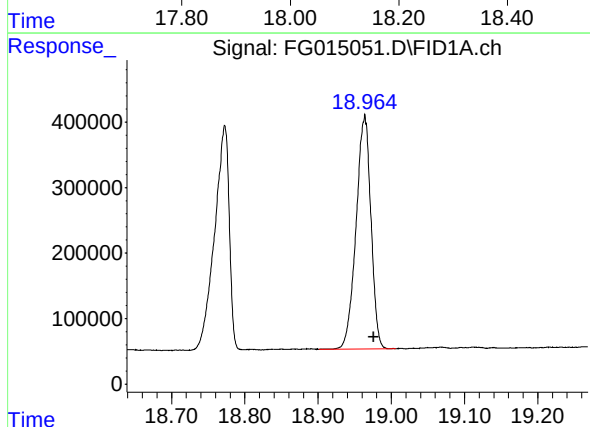
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: -0.012 min
Response: 5197385
Conc: 33.86 ug/ml

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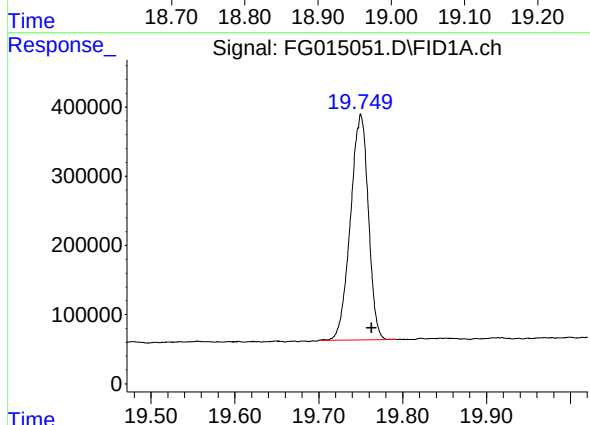
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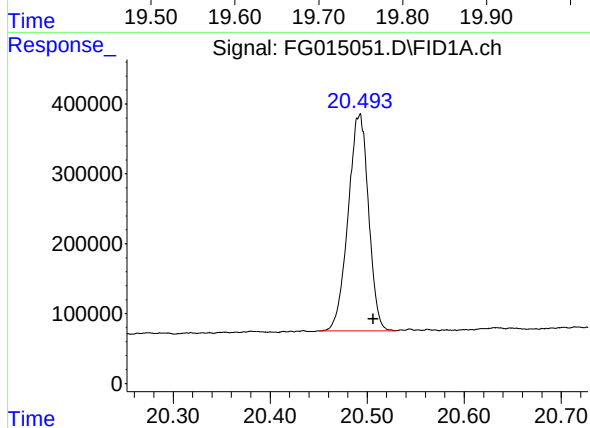
#18 n-Dotriacontane (C32)

R.T.: 18.964 min
Delta R.T.: -0.012 min
Response: 5016398
Conc: 34.00 ug/ml



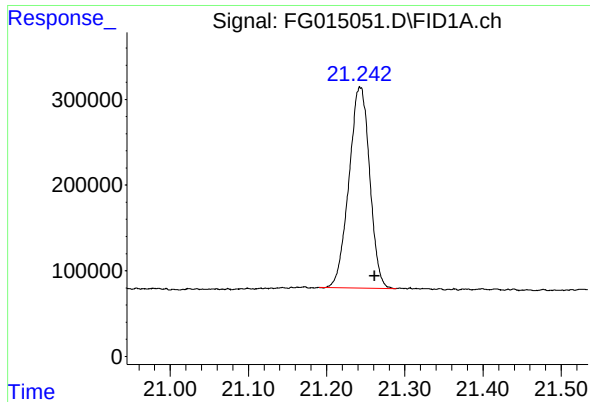
#19 n-Tetratriacontane (C34)

R.T.: 19.750 min
Delta R.T.: -0.013 min
Response: 4845257
Conc: 37.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.492 min
Delta R.T.: -0.014 min
Response: 4515735
Conc: 41.86 ug/ml



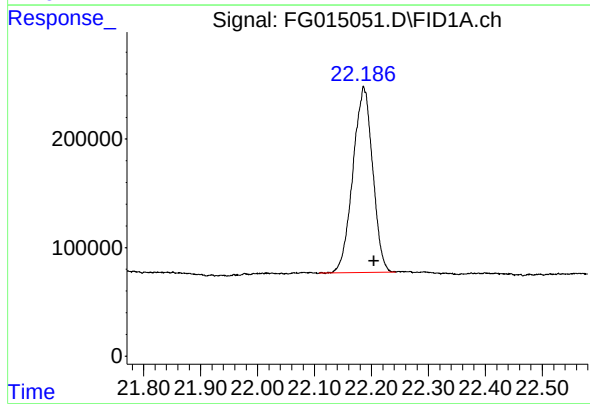
#21 n-Octatriacontane (C38)

R.T.: 21.243 min
Delta R.T.: -0.018 min
Response: 4318839
Conc: 43.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.186 min
Delta R.T.: -0.018 min
Response: 4108286
Conc: 43.74 ug/ml