

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015050.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 14:55
 Operator : YP\AJ
 Sample : P5398-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 341-349MS

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 01:09:26 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	4550644	28.846 ug/ml
Spiked Amount 50.000		Recovery =	57.69%
12) S 1-chlorooctadecane (S...	13.392	3773430	29.861 ug/ml
Spiked Amount 50.000		Recovery =	59.72%
Target Compounds			
1) T n-Nonane (C9)	3.291	3463684	27.093 ug/ml
2) T n-Decane (C10)	4.551	3870616	29.699 ug/ml
3) T A~Naphthalene (C11.7)	6.260	4683600	32.628 ug/ml
4) T n-Dodecane (C12)	6.729	4277200	32.372 ug/ml
5) T A~2-methylnaphthalene...	7.362	4675727	33.358 ug/ml
6) T n-Tetradecane (C14)	8.568	5020692	37.637 ug/ml
7) T n-Hexadecane (C16)	10.182	5432901	38.488 ug/ml
8) T n-Octadecane (C18)	11.633	5562038	37.965 ug/ml
10) T n-Eicosane (C20)	12.947	5742323	39.572 ug/ml
11) T n-Heneicosane (C21)	13.562	5495876	37.924 ug/ml
13) T n-Docosane (C22)	14.152	5449195	37.284 ug/ml
14) T n-Tetracosane (C24)	15.236	10662735	71.406 ug/mlm
15) T n-Hexacosane (C26)	16.286	5138493	34.242 ug/ml
16) T n-Octacosane (C28)	17.238	5015580	33.504 ug/ml
17) T n-Tricontane (C30)	18.129	4941566	32.193 ug/ml
18) T n-Dotriacontane (C32)	18.963	4771658	32.342 ug/ml
19) T n-Tetratriacontane (C34)	19.751	4586098	35.935 ug/ml
20) T n-Hexatriacontane (C36)	20.490	4274529	39.626 ug/ml
21) T n-Octatriacontane (C38)	21.244	4117632	41.081 ug/ml
22) T n-Tetracontane (C40)	22.187	3975932	42.326 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

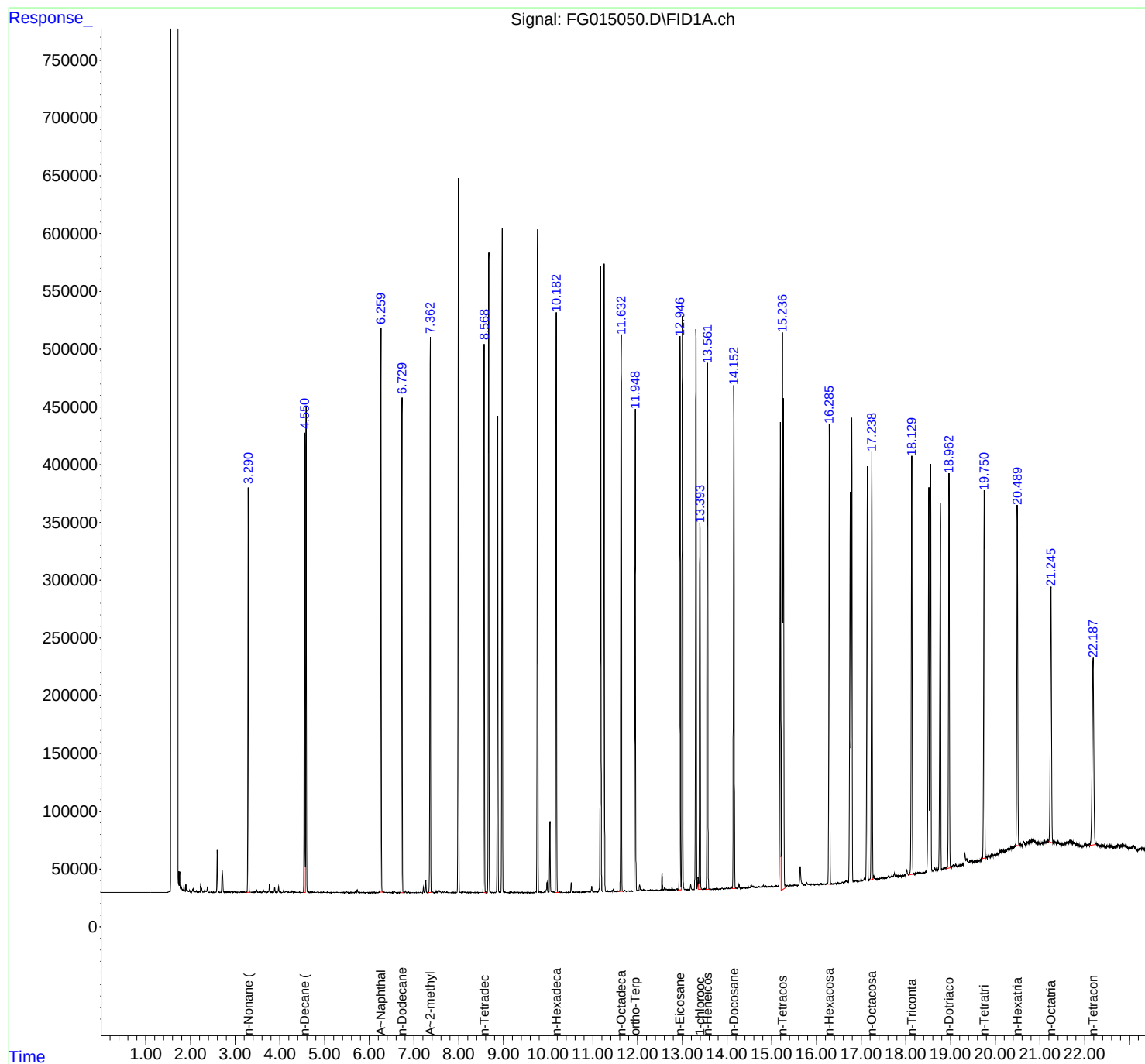
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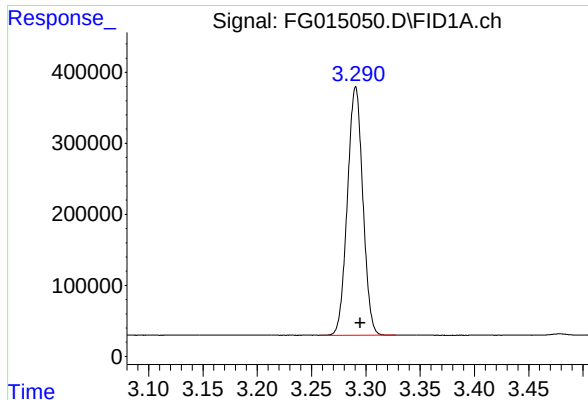
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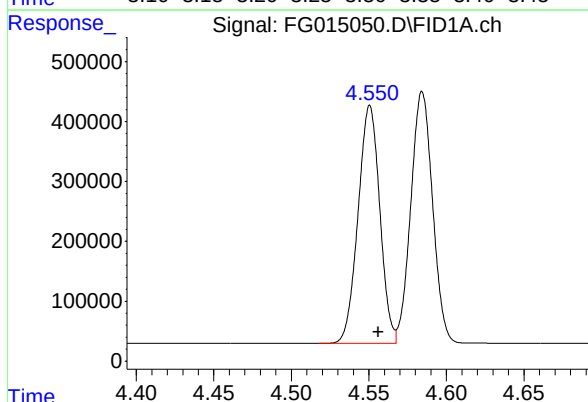
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 3463684
Conc: 27.09 ug/ml

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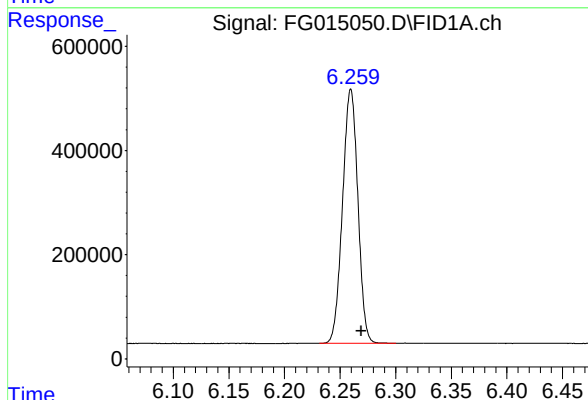
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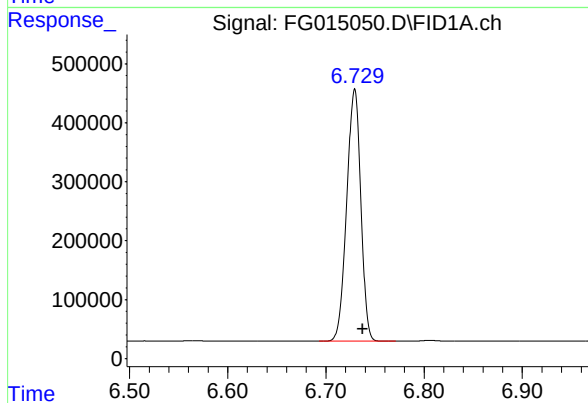
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.005 min
Response: 3870616
Conc: 29.70 ug/ml



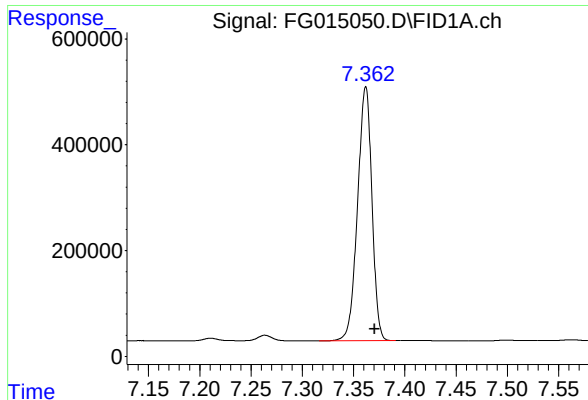
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.009 min
Response: 4683600
Conc: 32.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.008 min
Response: 4277200
Conc: 32.37 ug/ml



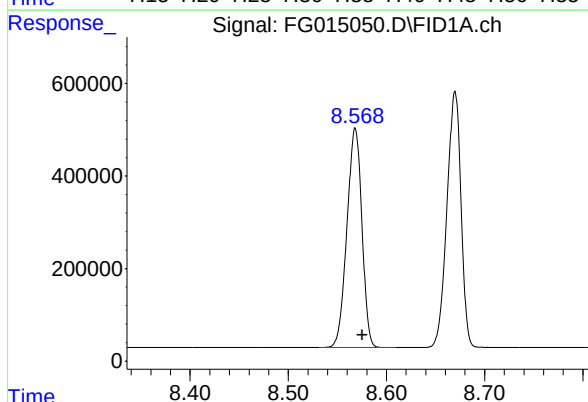
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.009 min
Response: 4675727
Conc: 33.36 ug/ml

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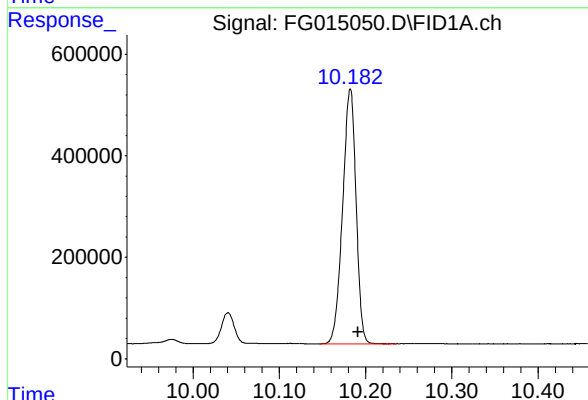
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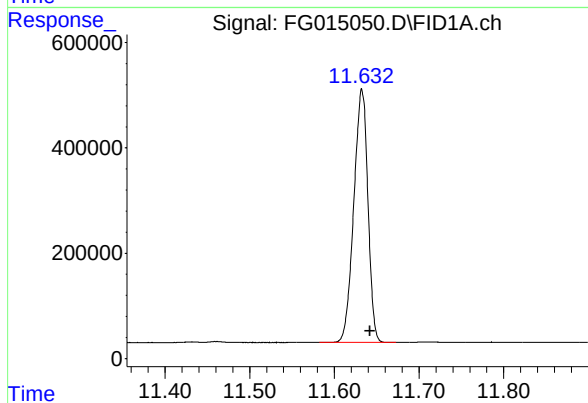
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.007 min
Response: 5020692
Conc: 37.64 ug/ml



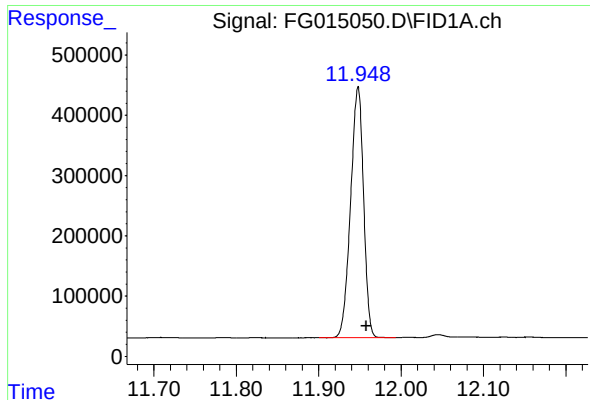
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.009 min
Response: 5432901
Conc: 38.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.010 min
Response: 5562038
Conc: 37.97 ug/ml



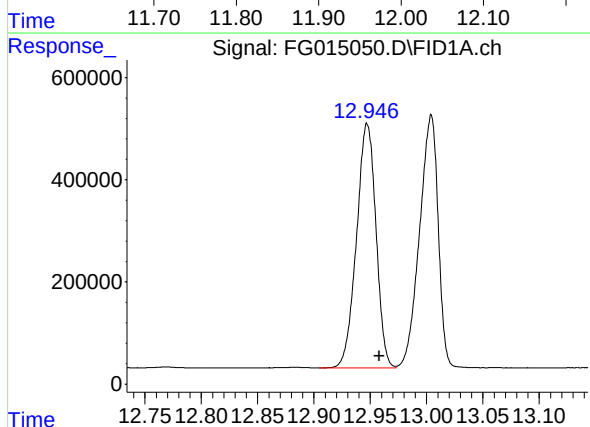
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.010 min
Response: 4550644
Conc: 28.85 ug/ml

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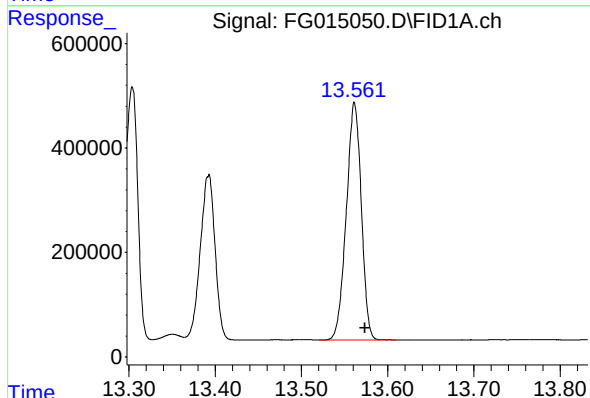
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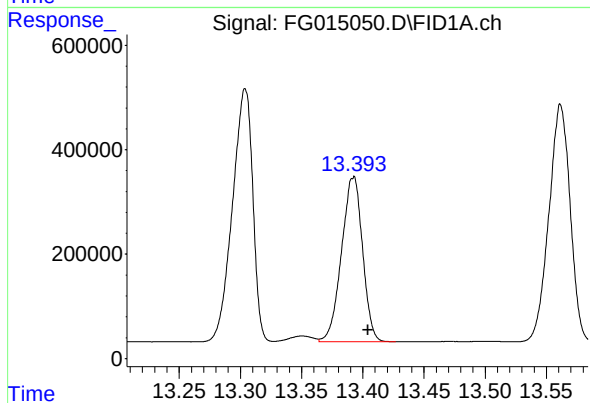
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.011 min
Response: 5742323
Conc: 39.57 ug/ml



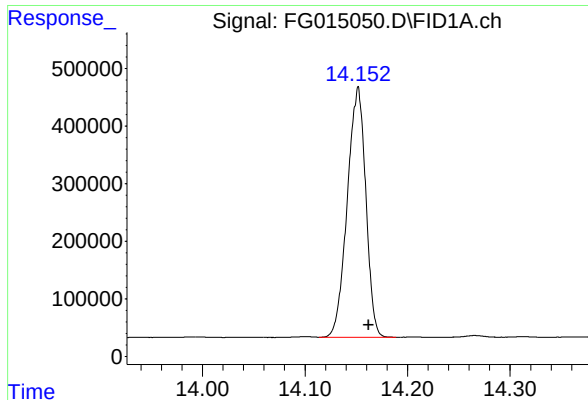
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.012 min
Response: 5495876
Conc: 37.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 3773430
Conc: 29.86 ug/ml



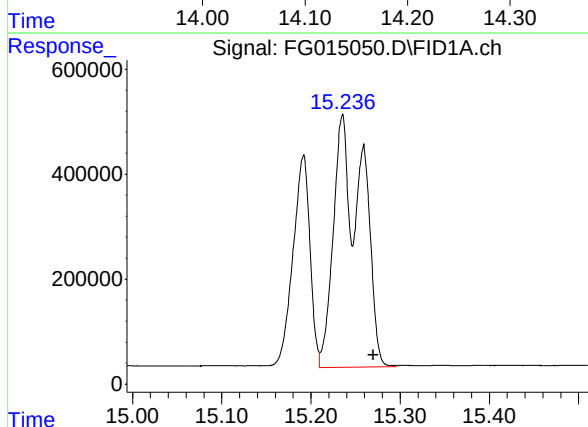
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.010 min
Response: 5449195
Conc: 37.28 ug/ml

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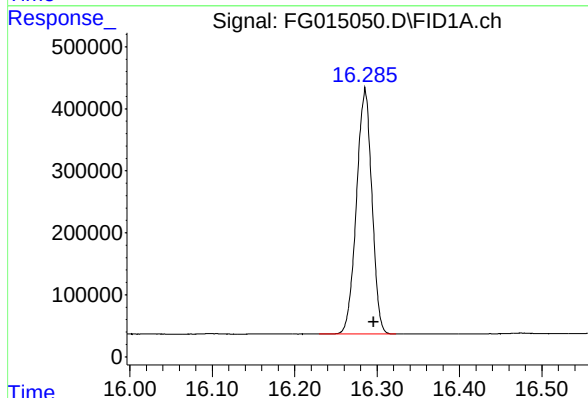
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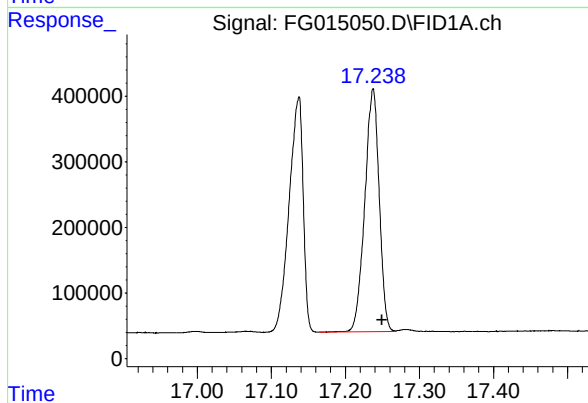
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.035 min
Response: 10662735
Conc: 71.41 ug/ml m



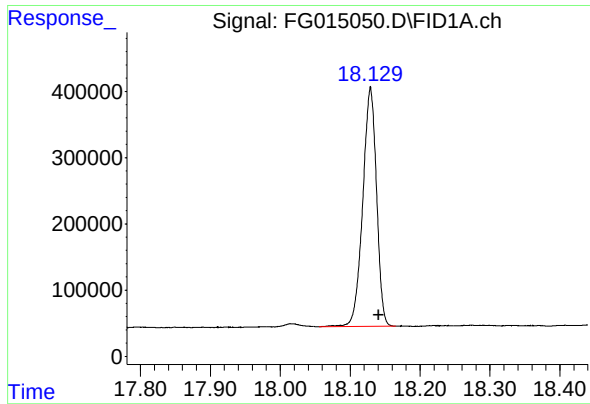
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.011 min
Response: 5138493
Conc: 34.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: -0.012 min
Response: 5015580
Conc: 33.50 ug/ml



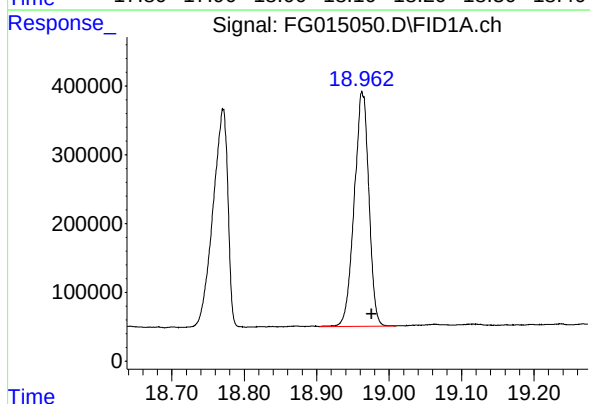
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: -0.012 min
Response: 4941566
Conc: 32.19 ug/ml

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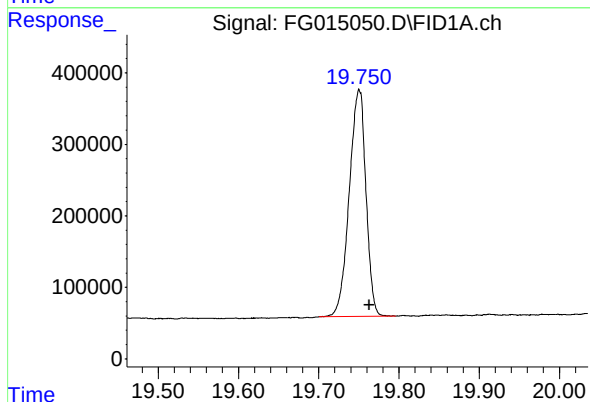
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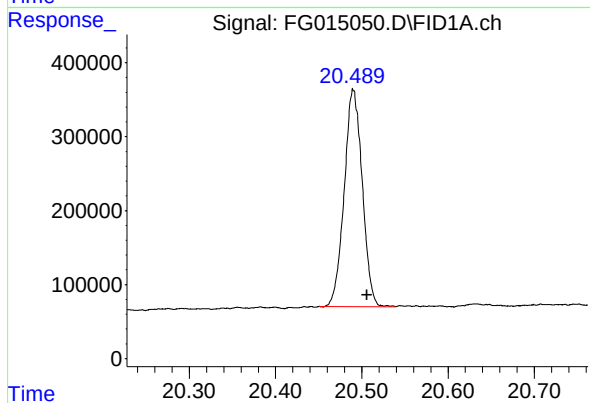
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: -0.013 min
Response: 4771658
Conc: 32.34 ug/ml



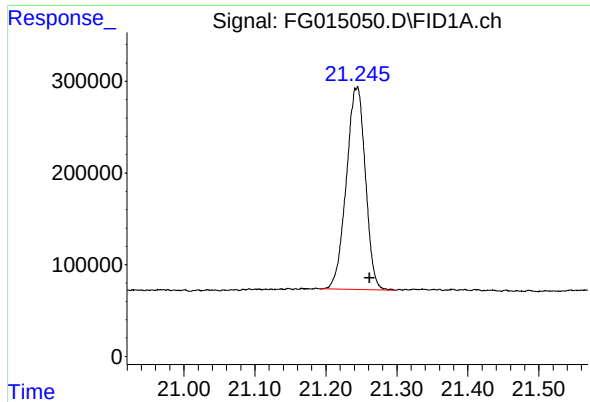
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min
Delta R.T.: -0.012 min
Response: 4586098
Conc: 35.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.490 min
Delta R.T.: -0.016 min
Response: 4274529
Conc: 39.63 ug/ml



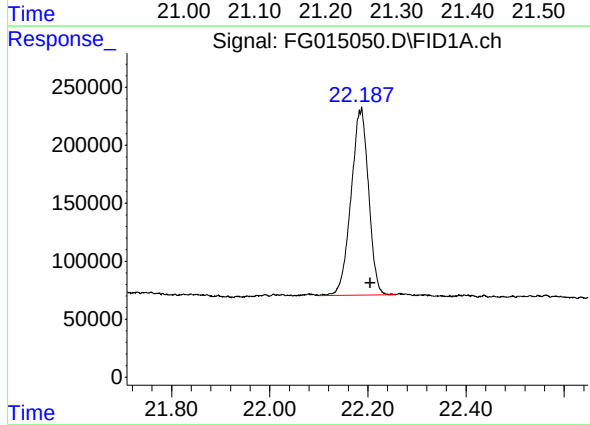
#21 n-Octatriacontane (C38)

R.T.: 21.244 min
Delta R.T.: -0.017 min
Response: 4117632
Conc: 41.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.187 min
Delta R.T.: -0.018 min
Response: 3975932
Conc: 42.33 ug/ml