

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015096.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 17:20
 Operator : YP\AJ
 Sample : Q1094-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2025
 Supervised By :Ankita Jodhani 01/17/2025

Integration File: autoint1.e
 Quant Time: Jan 17 00:27:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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)	11.945	5455818	34.896 ug/ml
Spiked Amount 50.000		Recovery =	69.79%
12) S 1-chlorooctadecane (S...	13.390	4603705	37.809 ug/ml
Spiked Amount 50.000		Recovery =	75.62%
Target Compounds			
1) T n-Nonane (C9)	3.288	3593825	27.680 ug/ml
2) T n-Decane (C10)	4.548	4092346	30.795 ug/ml
3) T A~Naphthalene (C11.7)	6.257	5046905	34.559 ug/ml
4) T n-Dodecane (C12)	6.726	4570134	33.618 ug/ml
5) T A~2-methylnaphthalene...	7.359	4919035	34.458 ug/ml
6) T n-Tetradecane (C14)	8.565	5195538	37.779 ug/ml
7) T n-Hexadecane (C16)	10.178	5651728	39.005 ug/ml
8) T n-Octadecane (C18)	11.629	5763780	38.780 ug/ml
10) T n-Eicosane (C20)	12.944	6032273	42.026 ug/ml
11) T n-Heneicosane (C21)	13.560	5814926	41.126 ug/ml
13) T n-Docosane (C22)	14.147	5779831	41.108 ug/ml
14) T n-Tetracosane (C24)	15.232	11190067	80.398 ug/mlm
15) T n-Hexacosane (C26)	16.281	5411317	39.951 ug/ml
16) T n-Octacosane (C28)	17.234	5343606	40.606 ug/ml
17) T n-Tricontane (C30)	18.125	5170308	38.975 ug/ml
18) T n-Dotriacontane (C32)	18.959	5015012	39.763 ug/ml
19) T n-Tetratriacontane (C34)	19.746	4770214	43.811 ug/ml
20) T n-Hexatriacontane (C36)	20.487	4414296	47.282 ug/mlm
21) T n-Octatriacontane (C38)	21.237	4209424	47.968 ug/ml
22) T n-Tetracontane (C40)	22.179	4072845	48.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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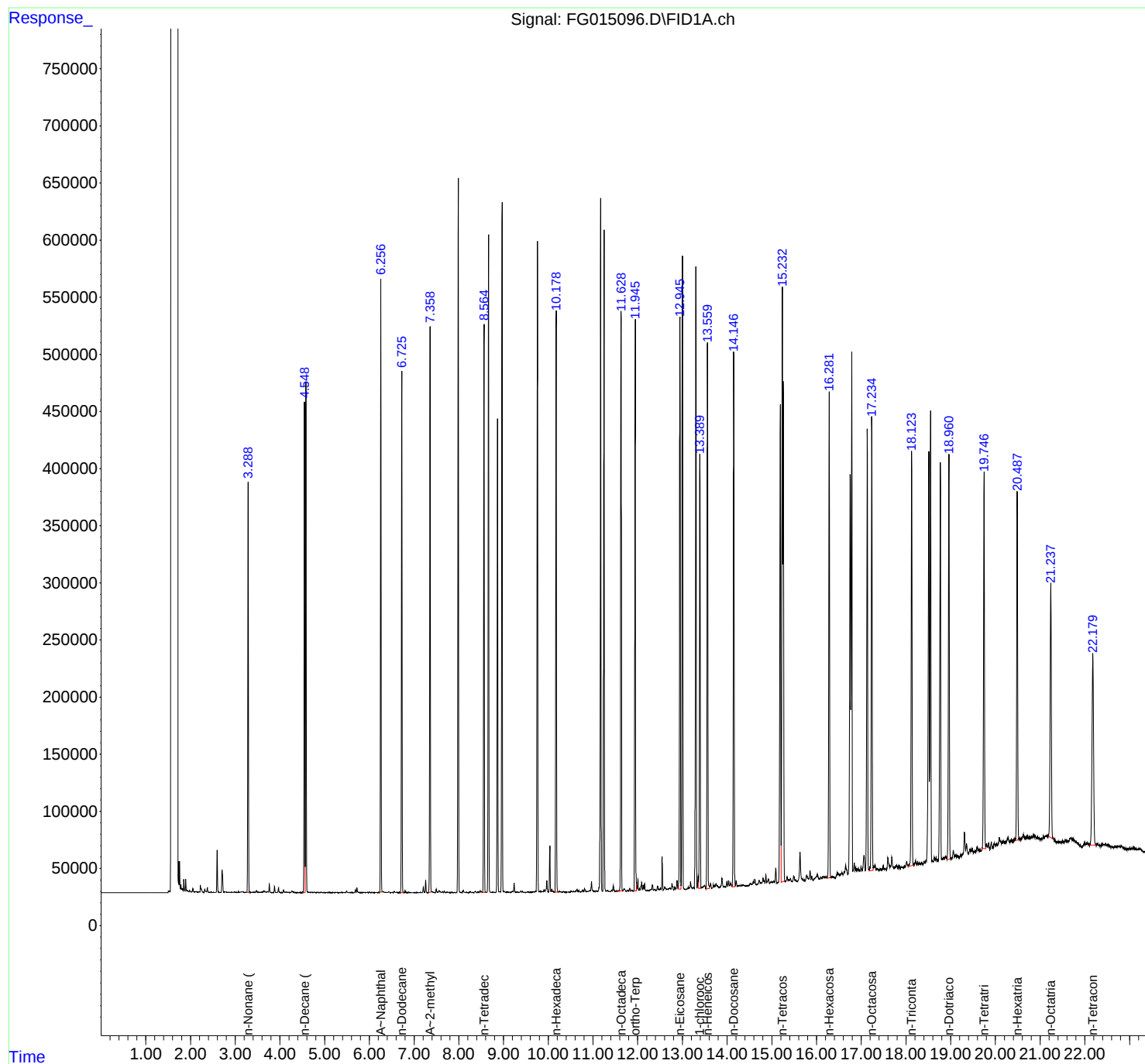
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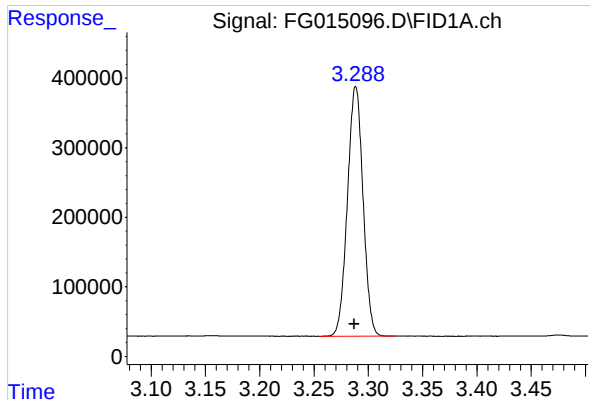
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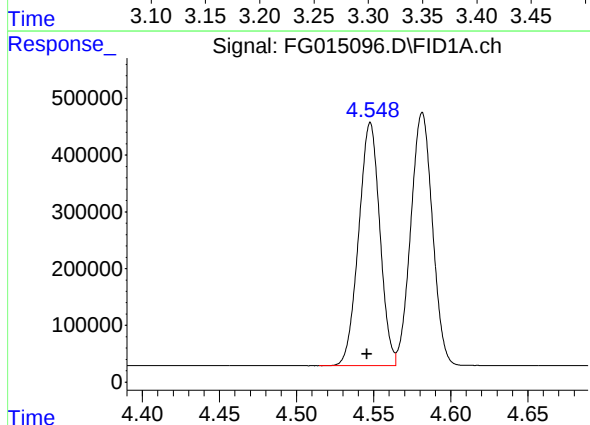
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.001 min
Response: 3593825
Conc: 27.68 ug/ml

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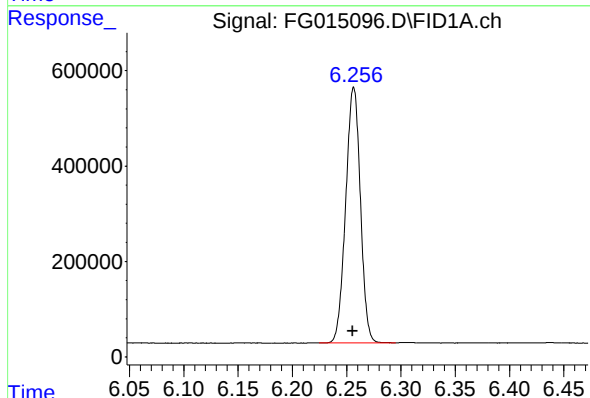
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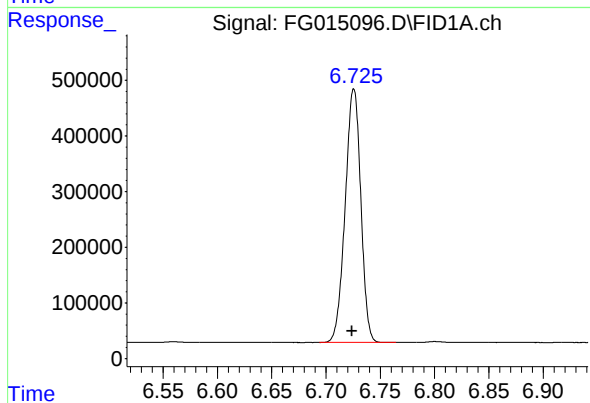
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 4092346
Conc: 30.79 ug/ml



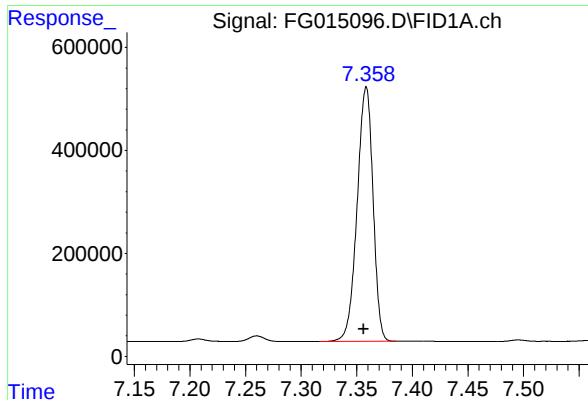
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: 0.001 min
Response: 5046905
Conc: 34.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 4570134
Conc: 33.62 ug/ml



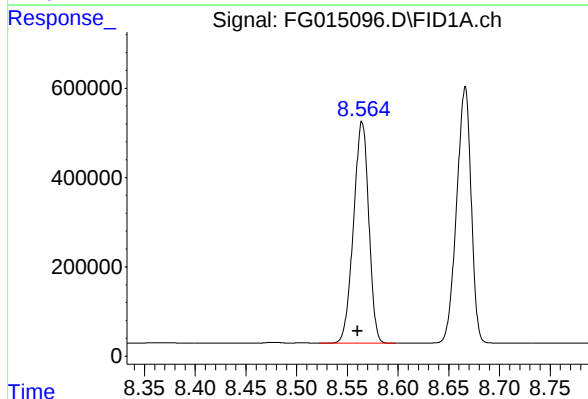
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 4919035
Conc: 34.46 ug/ml

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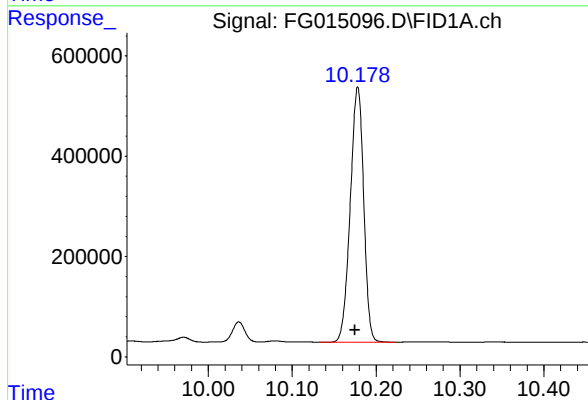
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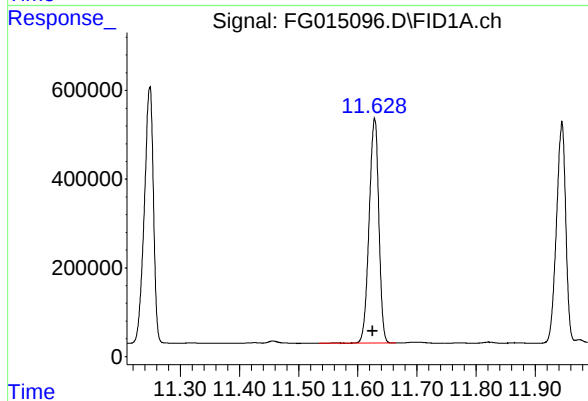
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.005 min
Response: 5195538
Conc: 37.78 ug/ml



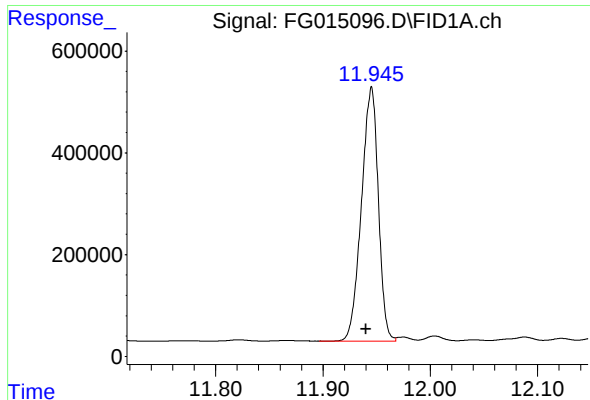
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.003 min
Response: 5651728
Conc: 39.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.004 min
Response: 5763780
Conc: 38.78 ug/ml



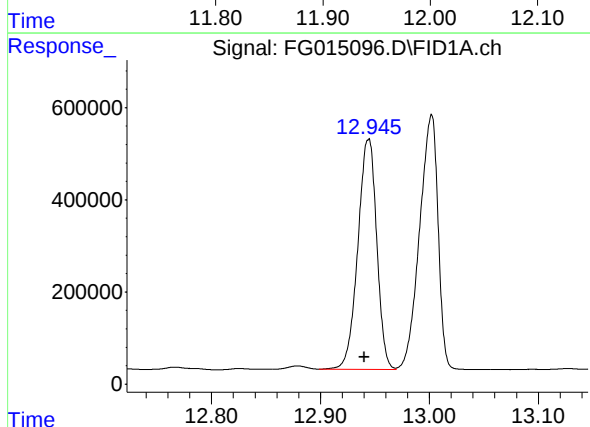
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.005 min
Response: 5455818
Conc: 34.90 ug/ml

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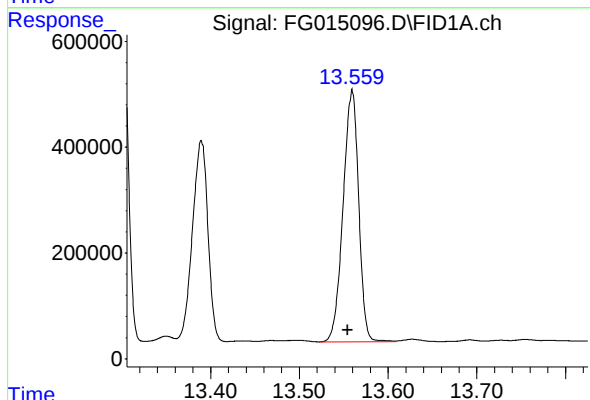
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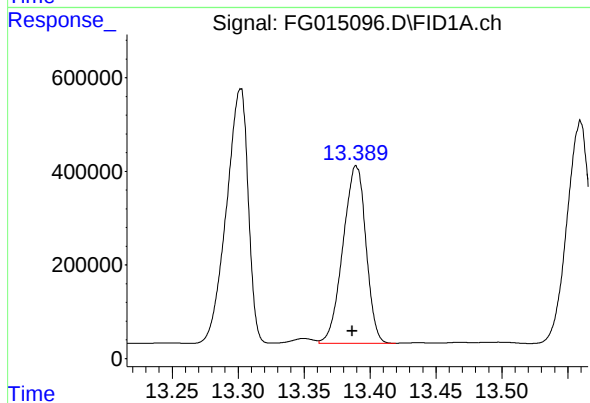
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 6032273
Conc: 42.03 ug/ml



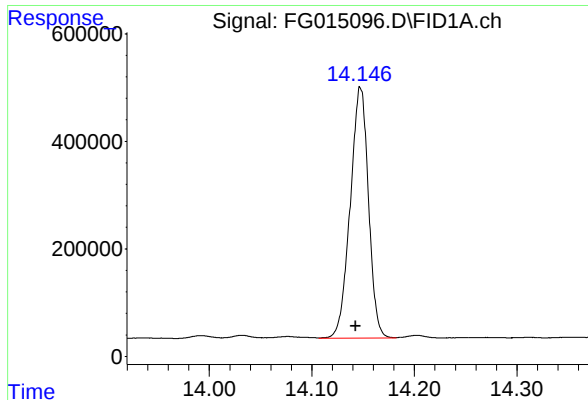
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: 0.005 min
Response: 5814926
Conc: 41.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 4603705
Conc: 37.81 ug/ml



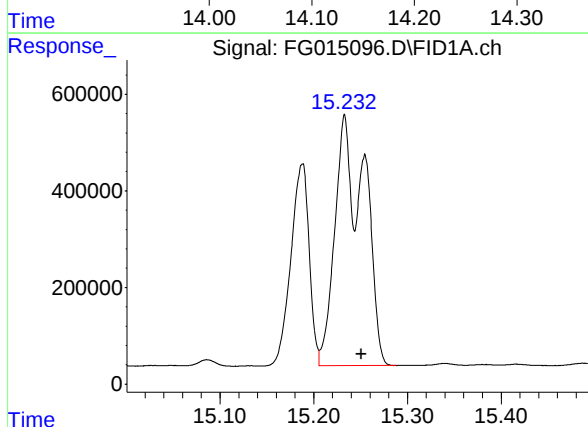
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: 0.005 min
Response: 5779831
Conc: 41.11 ug/ml

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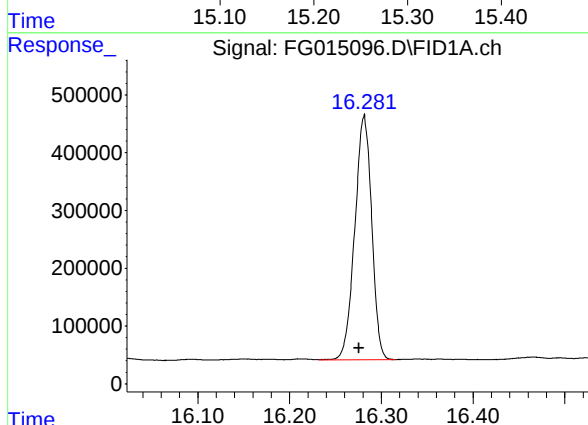
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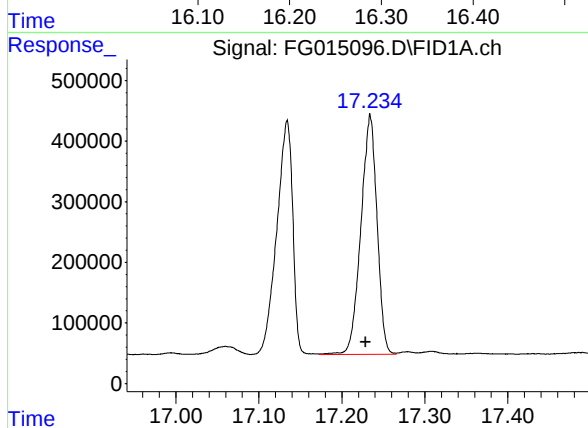
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.018 min
Response: 11190067
Conc: 80.40 ug/ml m



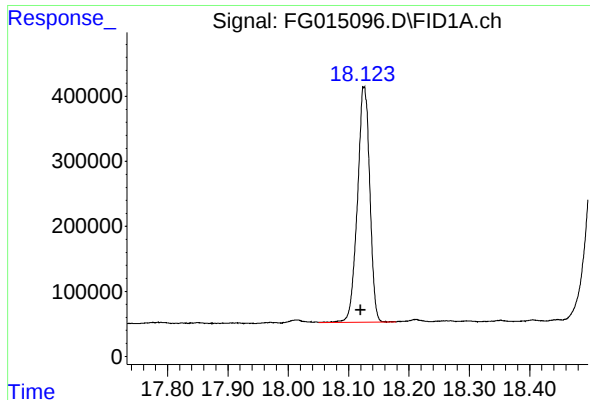
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.006 min
Response: 5411317
Conc: 39.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.006 min
Response: 5343606
Conc: 40.61 ug/ml



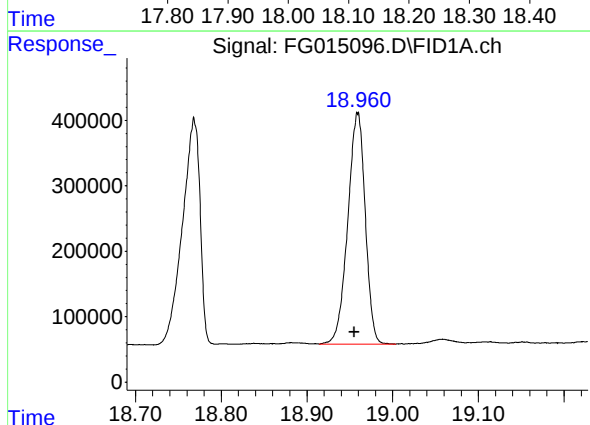
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.005 min
Response: 5170308
Conc: 38.97 ug/ml

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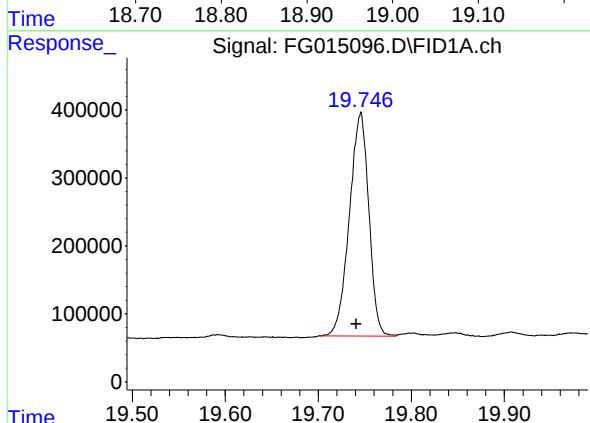
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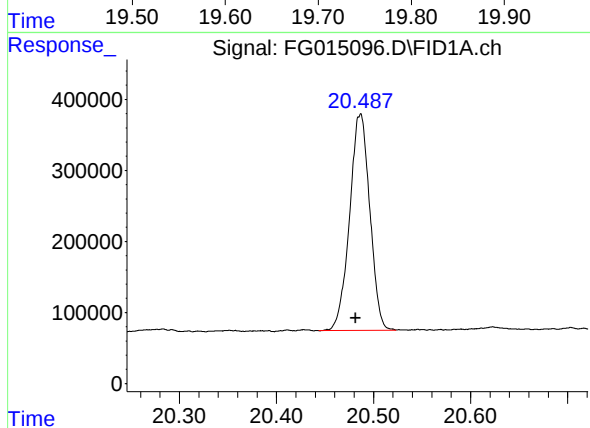
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.004 min
Response: 5015012
Conc: 39.76 ug/ml



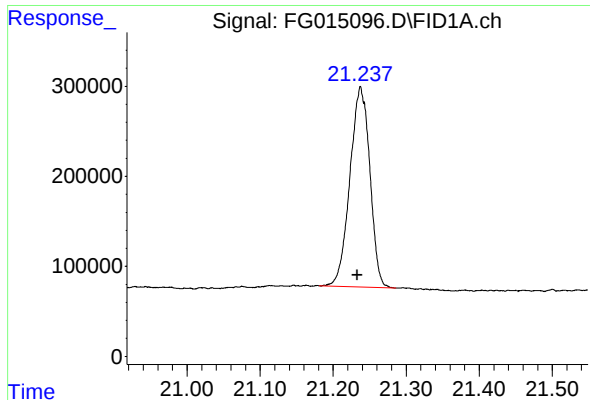
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.005 min
Response: 4770214
Conc: 43.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.487 min
Delta R.T.: 0.005 min
Response: 4414296
Conc: 47.28 ug/ml m



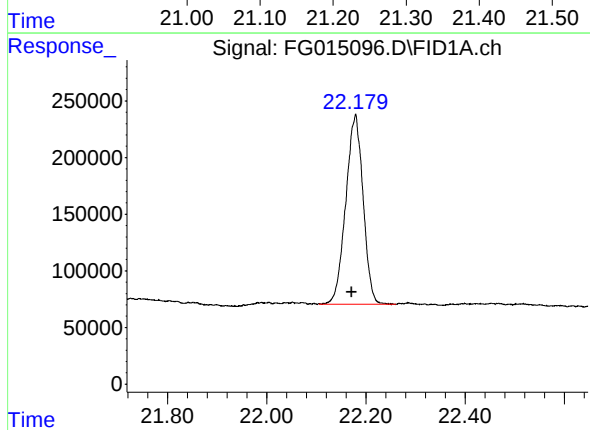
#21 n-Octatriacontane (C38)

R.T.: 21.237 min
Delta R.T.: 0.004 min
Response: 4209424
Conc: 47.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.179 min
Delta R.T.: 0.008 min
Response: 4072845
Conc: 48.05 ug/ml