

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015097.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 17:48
 Operator : YP\AJ
 Sample : Q1094-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 72-11938MSD

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 00:27:48 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	5698454	36.448 ug/ml
Spiked Amount 50.000		Recovery =	72.90%
12) S 1-chlorooctadecane (S...	13.390	4813178	39.529 ug/ml
Spiked Amount 50.000		Recovery =	79.06%
Target Compounds			
1) T n-Nonane (C9)	3.289	3797009	29.245 ug/ml
2) T n-Decane (C10)	4.548	4322543	32.527 ug/ml
3) T A~Naphthalene (C11.7)	6.257	5315304	36.397 ug/ml
4) T n-Dodecane (C12)	6.726	4820872	35.463 ug/ml
5) T A~2-methylnaphthalene...	7.359	5170543	36.220 ug/ml
6) T n-Tetradecane (C14)	8.565	5470135	39.776 ug/ml
7) T n-Hexadecane (C16)	10.178	5951041	41.071 ug/ml
8) T n-Octadecane (C18)	11.629	6062230	40.788 ug/ml
10) T n-Eicosane (C20)	12.945	6347514	44.223 ug/ml
11) T n-Heneicosane (C21)	13.559	6116403	43.258 ug/ml
13) T n-Docosane (C22)	14.148	6082333	43.260 ug/ml
14) T n-Tetracosane (C24)	15.234	11739039	84.342 ug/mlm
15) T n-Hexacosane (C26)	16.282	5679617	41.932 ug/ml
16) T n-Octacosane (C28)	17.232	5633110	42.806 ug/ml
17) T n-Tricontane (C30)	18.125	5504166	41.492 ug/ml
18) T n-Dotriacontane (C32)	18.960	5292351	41.962 ug/ml
19) T n-Tetratriacontane (C34)	19.746	5058760	46.461 ug/ml
20) T n-Hexatriacontane (C36)	20.487	4676849	50.094 ug/ml
21) T n-Octatriacontane (C38)	21.237	4464720	50.877 ug/ml
22) T n-Tetracontane (C40)	22.179	4288200	50.591 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

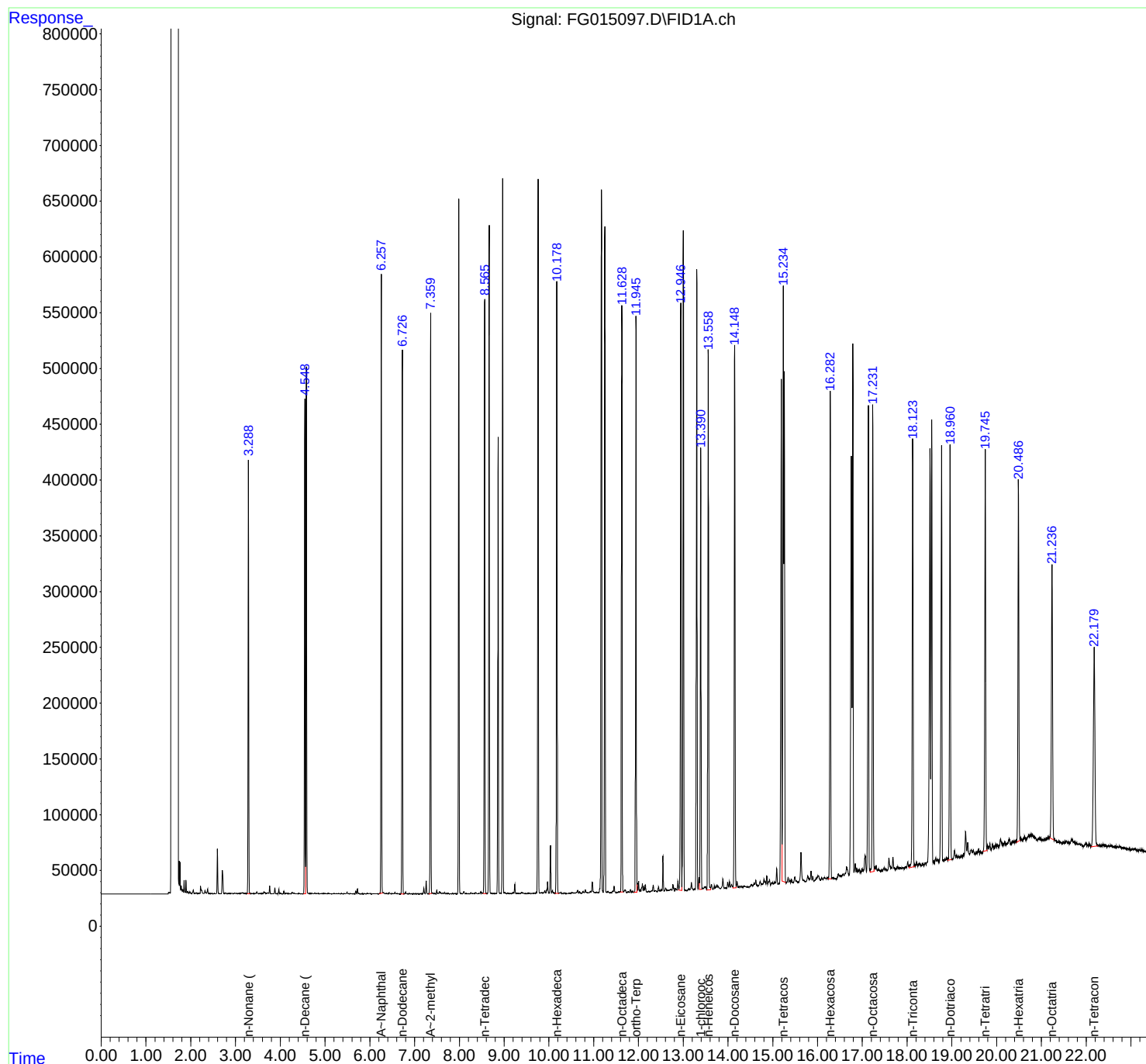
Instrument :
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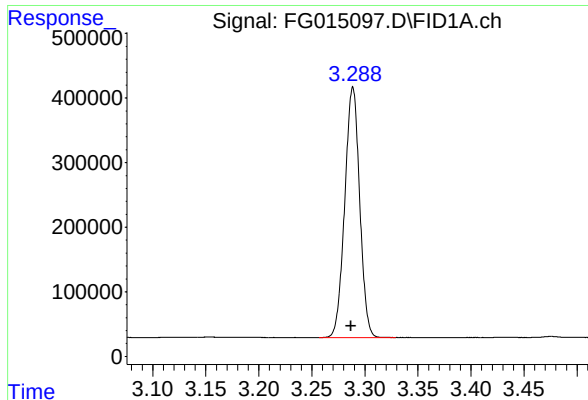
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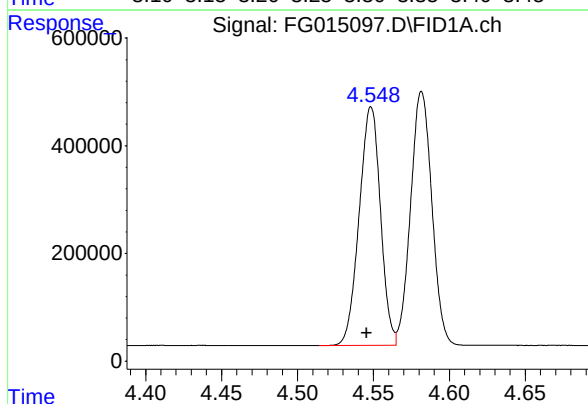
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.002 min
Response: 3797009
Conc: 29.25 ug/ml

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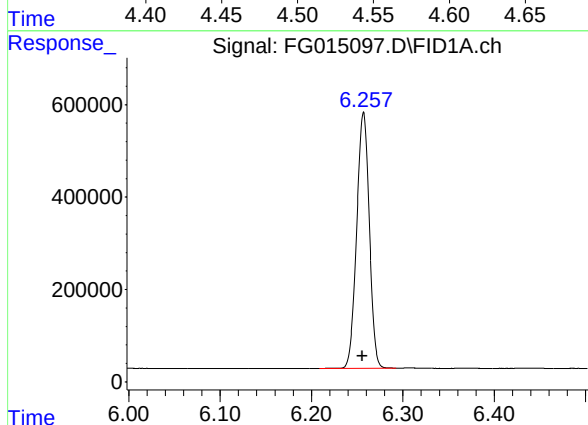
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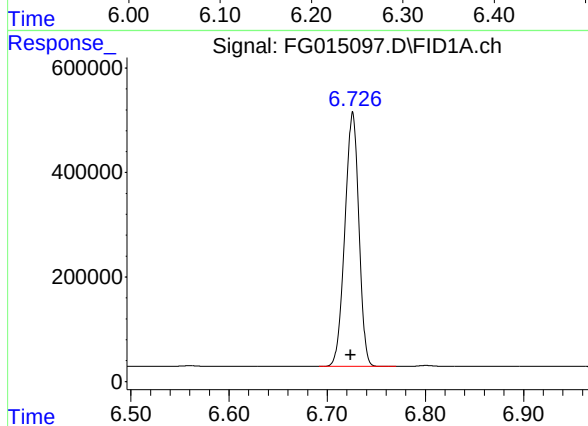
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: 0.003 min
Response: 4322543
Conc: 32.53 ug/ml



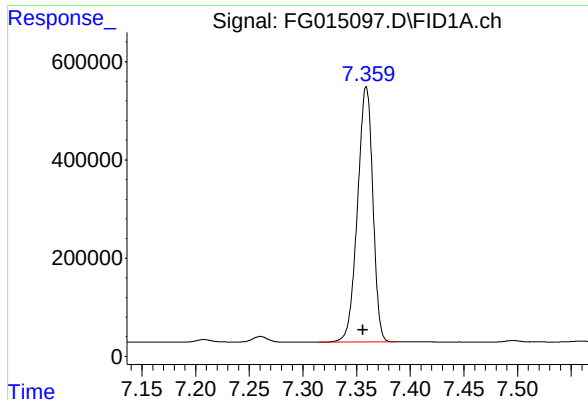
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: 0.001 min
Response: 5315304
Conc: 36.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 4820872
Conc: 35.46 ug/ml



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

R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 5170543
Conc: 36.22 ug/ml

Instrument :

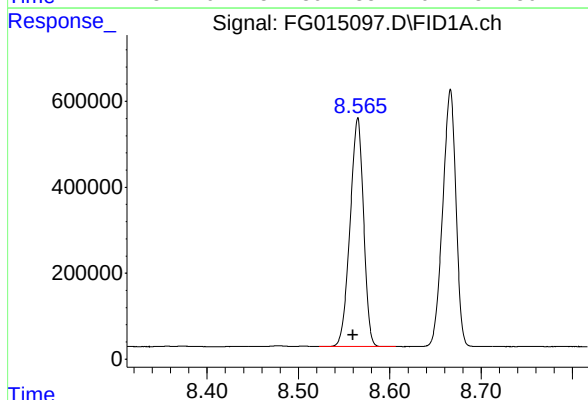
FID_G

ClientSampleId :

72-11938MSD

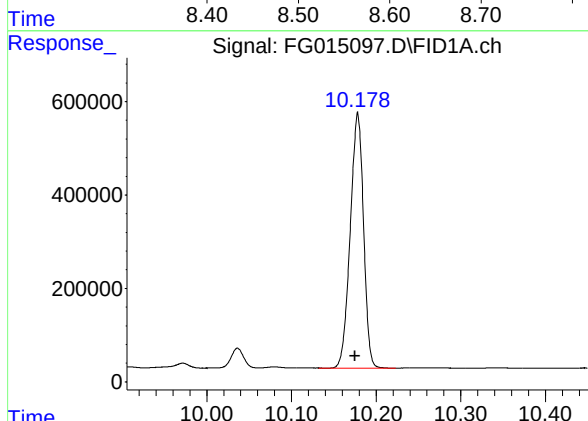
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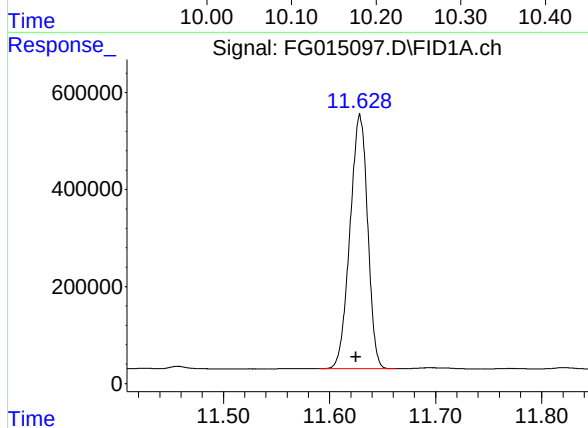
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.005 min
Response: 5470135
Conc: 39.78 ug/ml



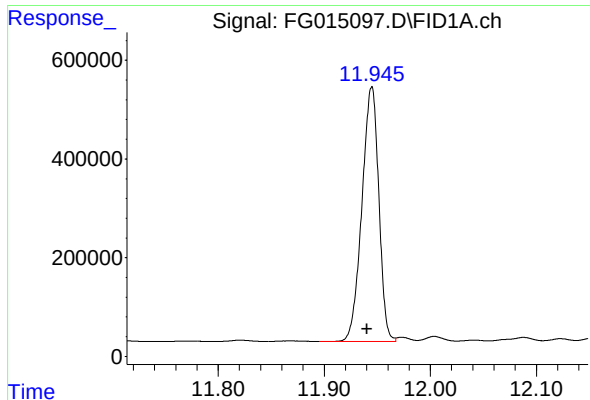
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.004 min
Response: 5951041
Conc: 41.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.004 min
Response: 6062230
Conc: 40.79 ug/ml



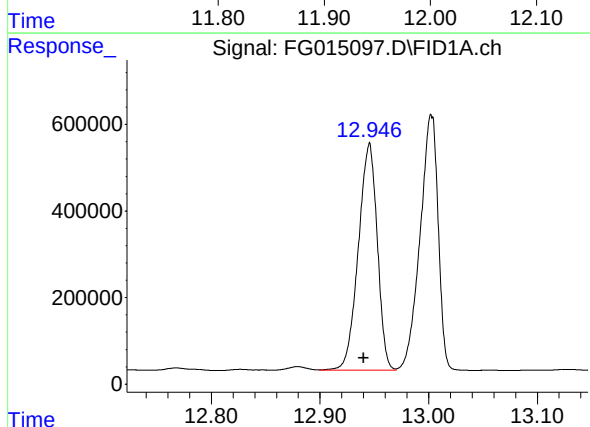
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.004 min
Response: 5698454
Conc: 36.45 ug/ml

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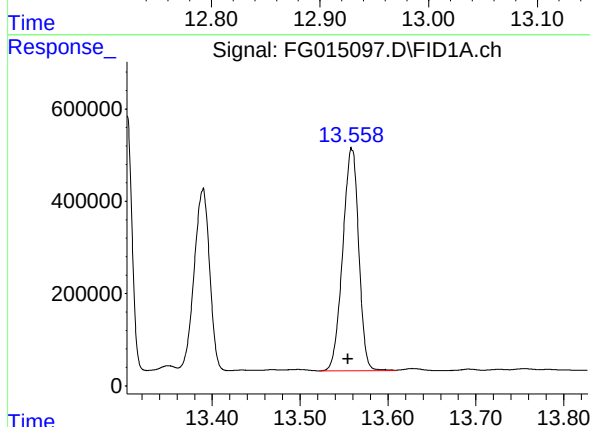
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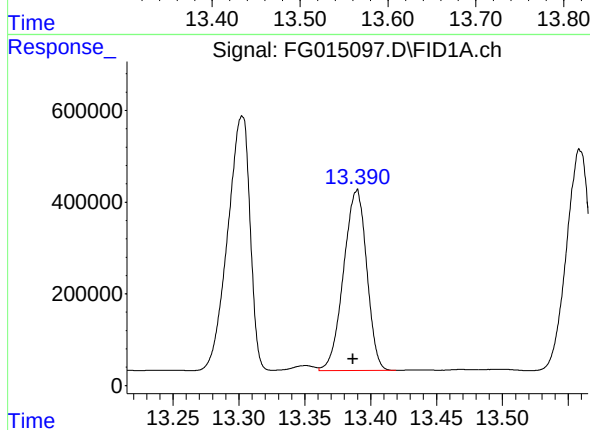
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.005 min
Response: 6347514
Conc: 44.22 ug/ml



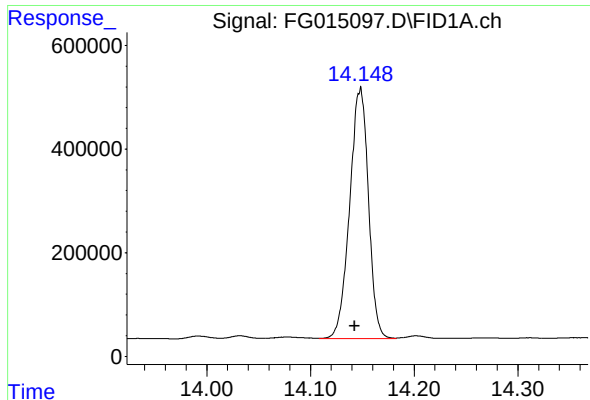
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: 0.004 min
Response: 6116403
Conc: 43.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 4813178
Conc: 39.53 ug/ml



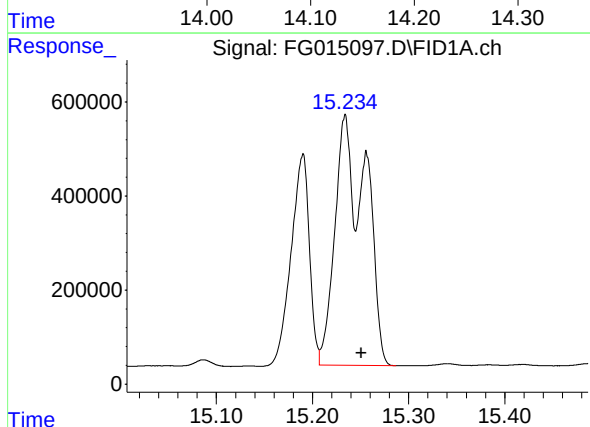
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: 0.005 min
Response: 6082333
Conc: 43.26 ug/ml

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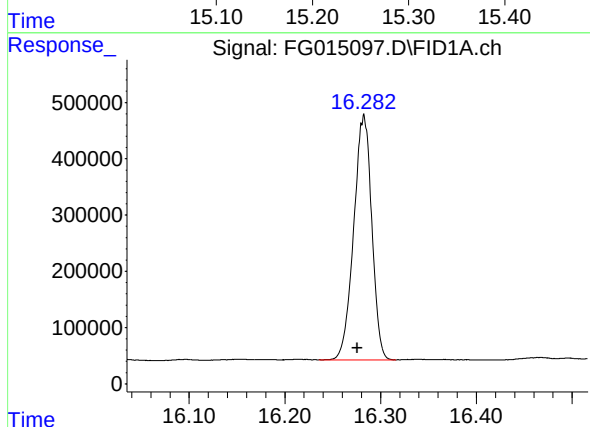
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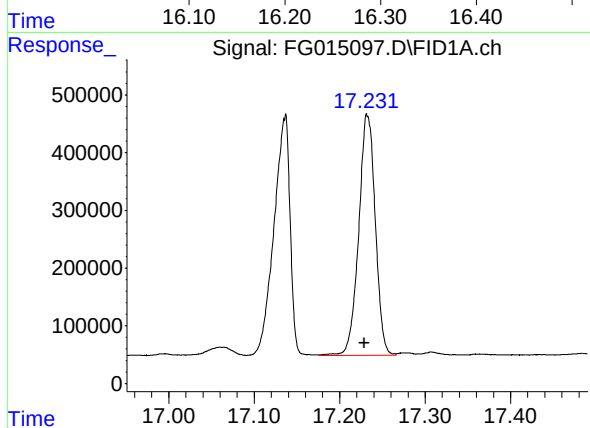
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.017 min
Response: 11739039
Conc: 84.34 ug/ml m



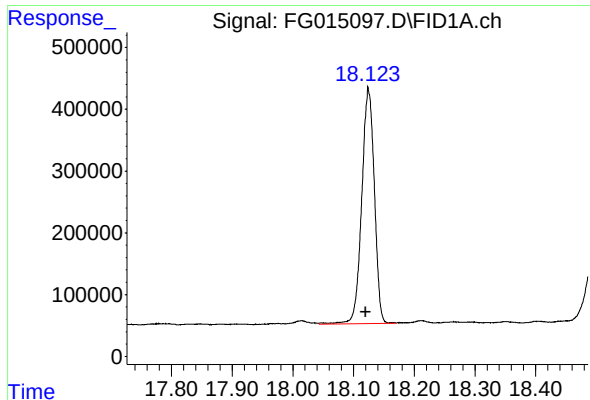
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.007 min
Response: 5679617
Conc: 41.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: 0.004 min
Response: 5633110
Conc: 42.81 ug/ml



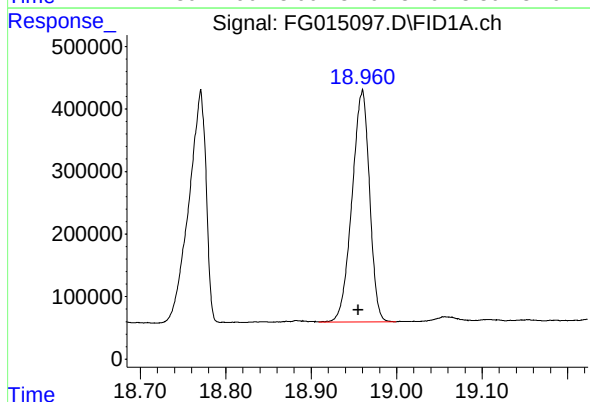
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.004 min
Response: 5504166
Conc: 41.49 ug/ml

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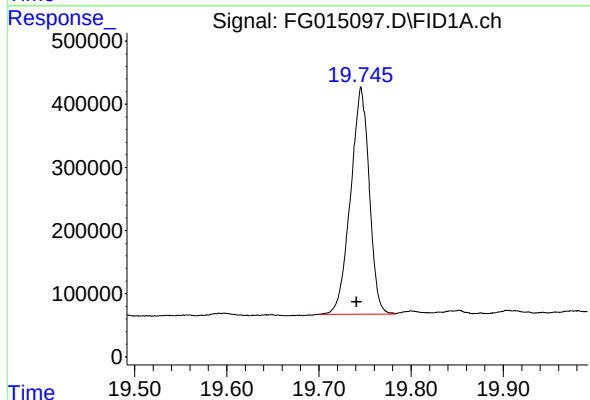
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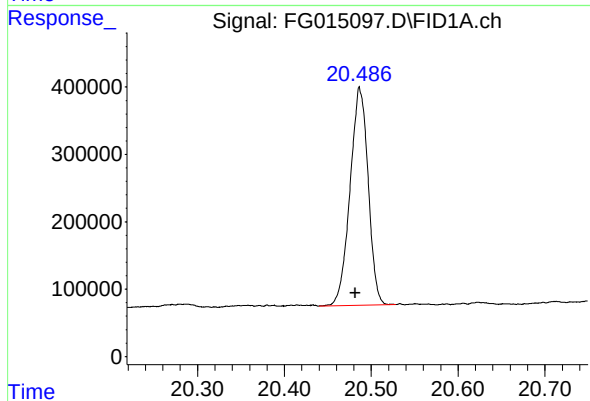
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.005 min
Response: 5292351
Conc: 41.96 ug/ml



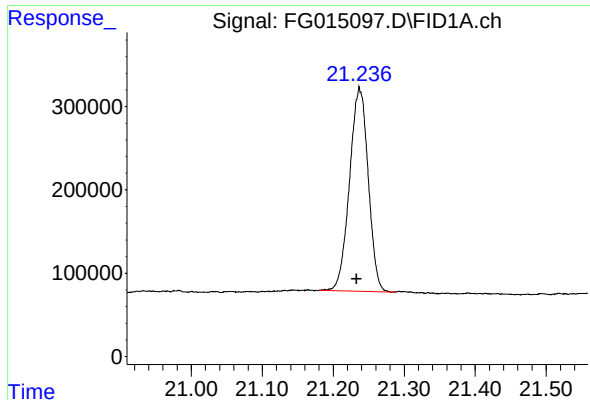
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.005 min
Response: 5058760
Conc: 46.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.487 min
Delta R.T.: 0.005 min
Response: 4676849
Conc: 50.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.237 min
Delta R.T.: 0.004 min
Response: 4464720
Conc: 50.88 ug/ml

Instrument :

FID_G

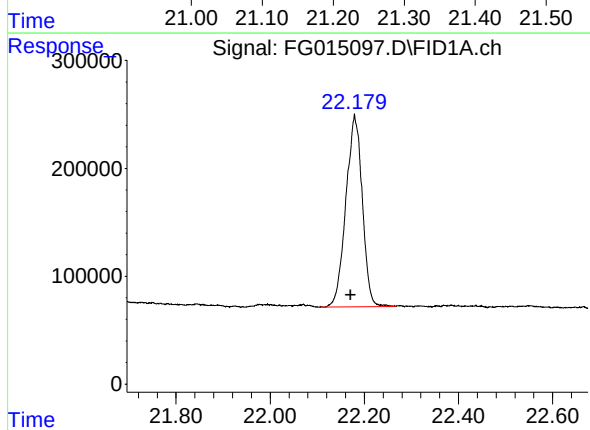
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#22 n-Tetracontane (C40)

R.T.: 22.179 min
Delta R.T.: 0.008 min
Response: 4288200
Conc: 50.59 ug/ml