

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011625AL\
 Data File : FG015090.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2025 14:01
 Operator : YP\AJ
 Sample : PB166075BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB166075BS

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 00:24:55 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)	11.943	6510060	41.639 ug/ml
Spiked Amount 50.000		Recovery =	83.28%
12) S 1-chlorooctadecane (S...	13.388	5448390	44.746 ug/ml
Spiked Amount 50.000		Recovery =	89.49%
Target Compounds			
1) T n-Nonane (C9)	3.296	5470768	42.137 ug/ml
2) T n-Decane (C10)	4.549	5749482	43.265 ug/ml
3) T A~Naphthalene (C11.7)	6.255	6614732	45.295 ug/ml
4) T n-Dodecane (C12)	6.724	5917371	43.529 ug/ml
5) T A~2-methylnaphthalene...	7.356	6139965	43.011 ug/ml
6) T n-Tetradecane (C14)	8.563	6109314	44.424 ug/ml
7) T n-Hexadecane (C16)	10.177	6206591	42.835 ug/ml
8) T n-Octadecane (C18)	11.628	6288481	42.310 ug/ml
10) T n-Eicosane (C20)	12.944	6508272	45.343 ug/ml
11) T n-Heneicosane (C21)	13.558	6255168	44.240 ug/ml
13) T n-Docosane (C22)	14.146	6220278	44.241 ug/ml
14) T n-Tetracosane (C24)	15.231	12293481	88.325 ug/mlm
15) T n-Hexacosane (C26)	16.279	5989091	44.217 ug/ml
16) T n-Octacosane (C28)	17.230	5893454	44.784 ug/ml
17) T n-Tricontane (C30)	18.122	5795687	43.689 ug/ml
18) T n-Dotriacontane (C32)	18.956	5677994	45.019 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5740084	52.718 ug/ml
20) T n-Hexatriacontane (C36)	20.485	5886474	63.050 ug/ml
21) T n-Octatriacontane (C38)	21.237	6347119	72.328 ug/ml
22) T n-Tetracontane (C40)	22.178	6690287	78.930 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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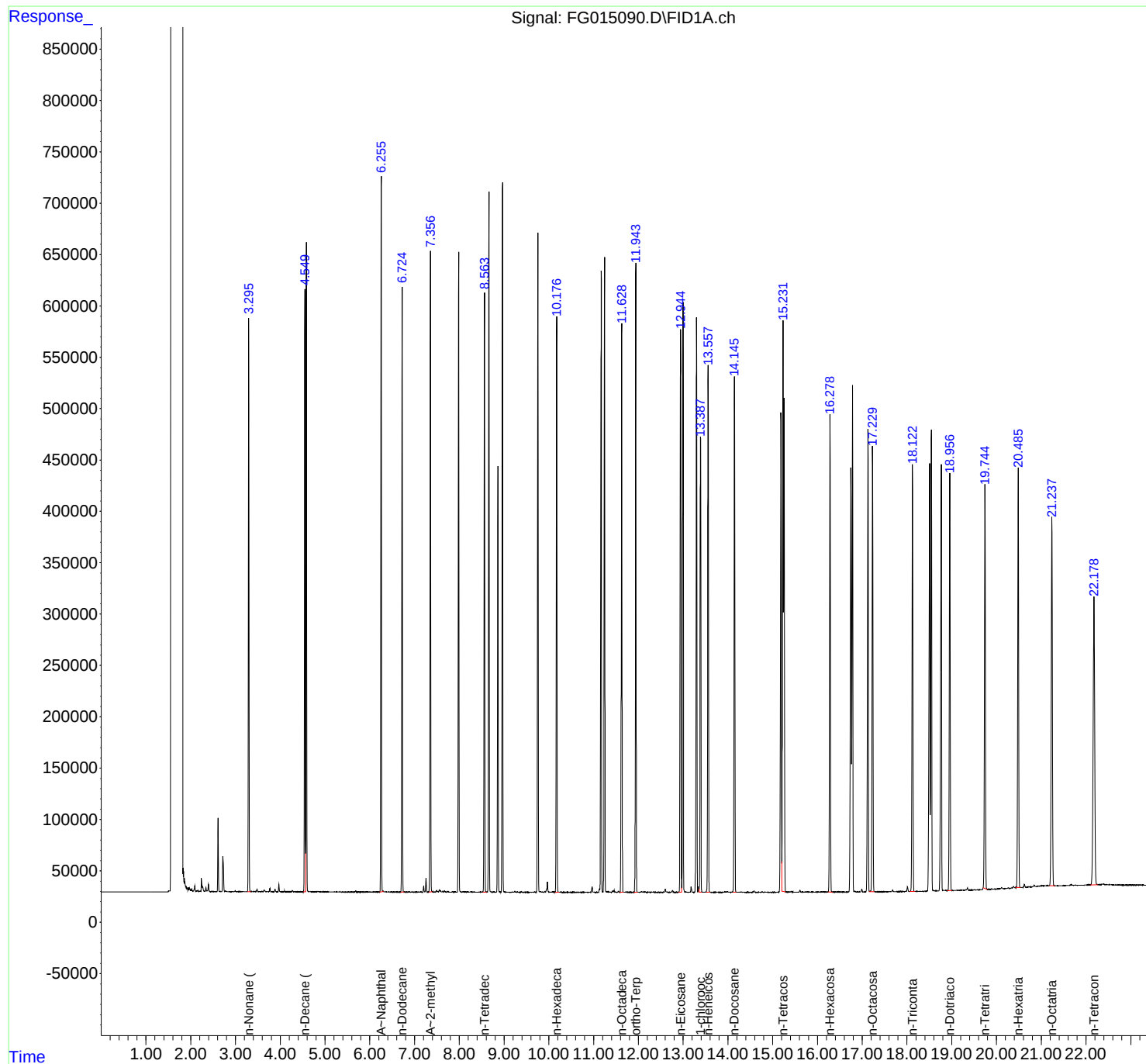
Response via : Initial Calibration

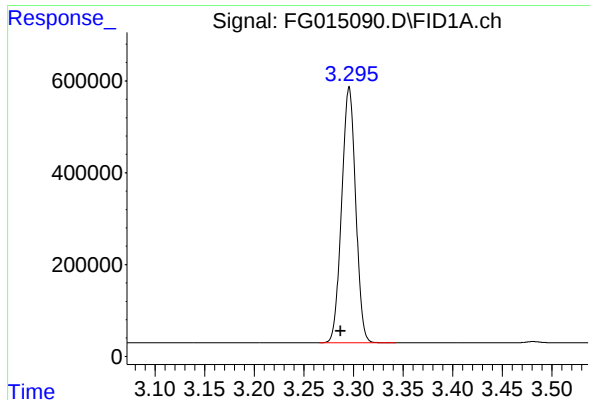
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.009 min
Response: 5470768
Conc: 42.14 ug/ml

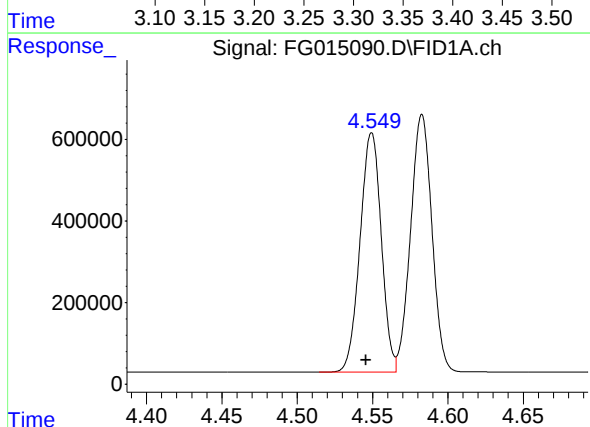
Instrument :

FID_G

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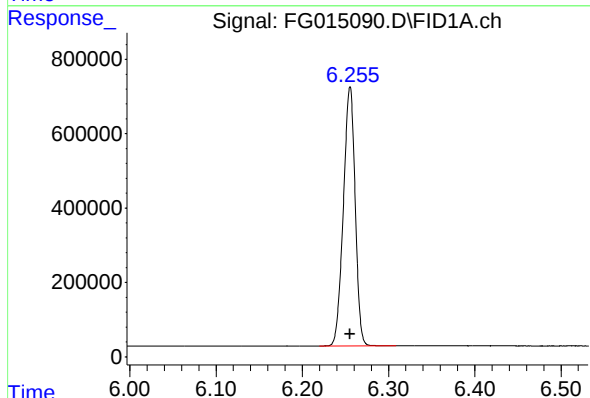
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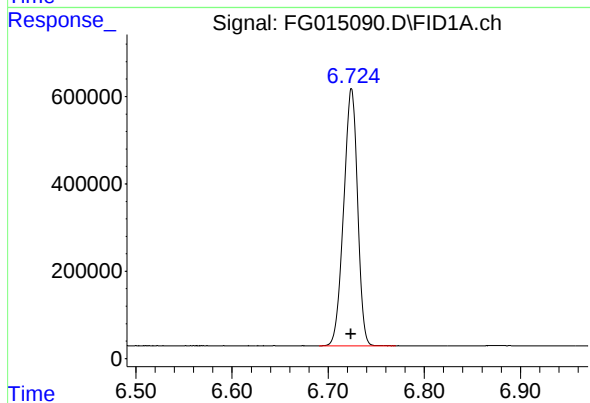
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: 0.004 min
Response: 5749482
Conc: 43.26 ug/ml



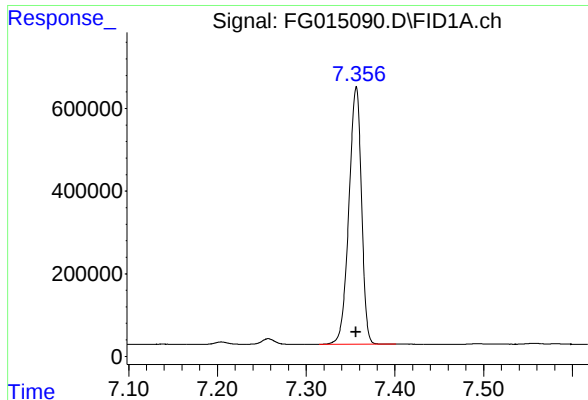
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 6614732
Conc: 45.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 5917371
Conc: 43.53 ug/ml



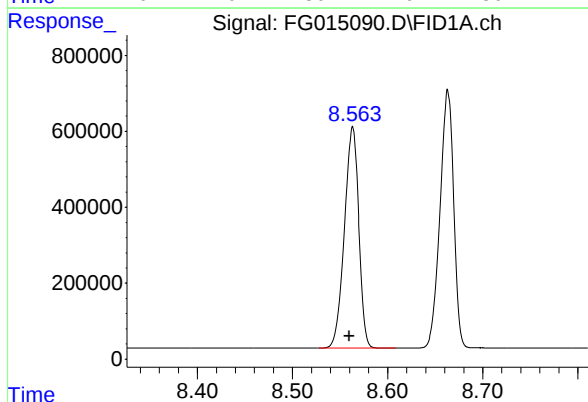
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 6139965
Conc: 43.01 ug/ml

Instrument :
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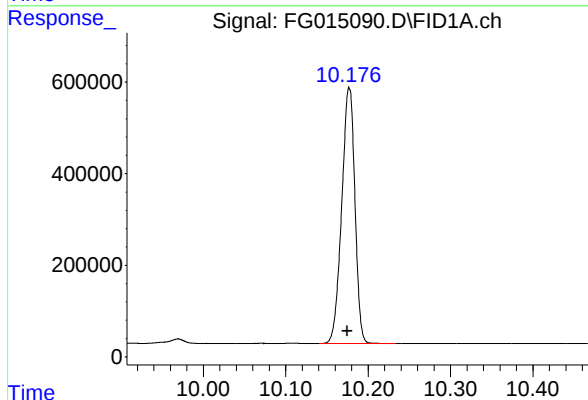
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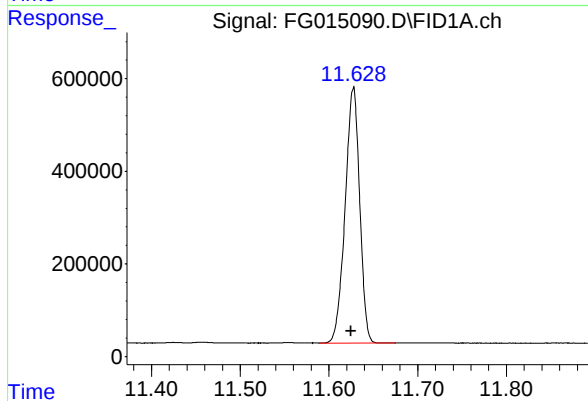
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 6109314
Conc: 44.42 ug/ml



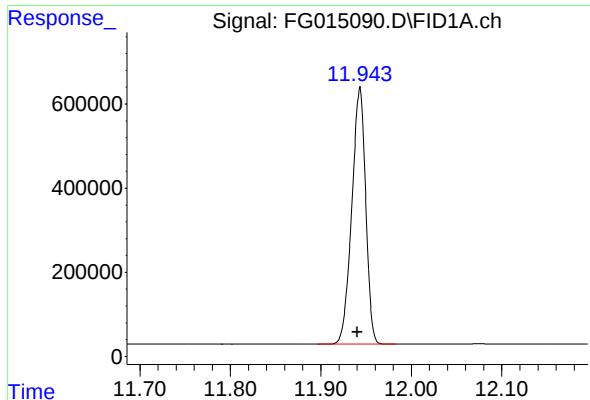
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 6206591
Conc: 42.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.003 min
Response: 6288481
Conc: 42.31 ug/ml



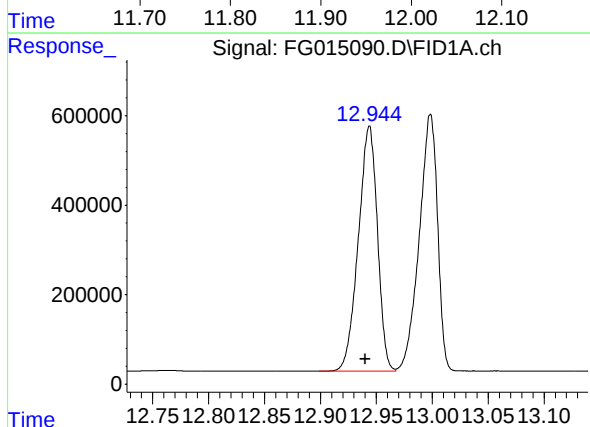
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 6510060
Conc: 41.64 ug/ml

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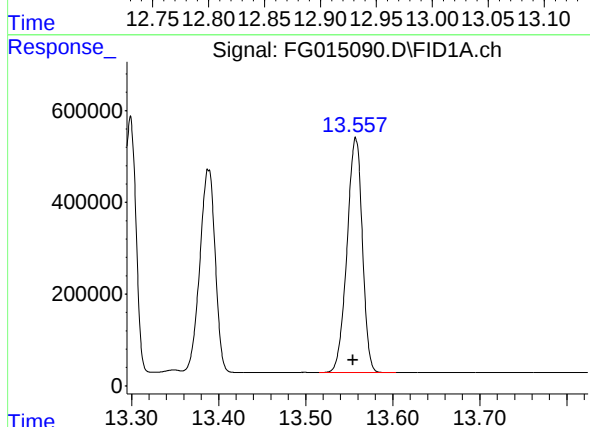
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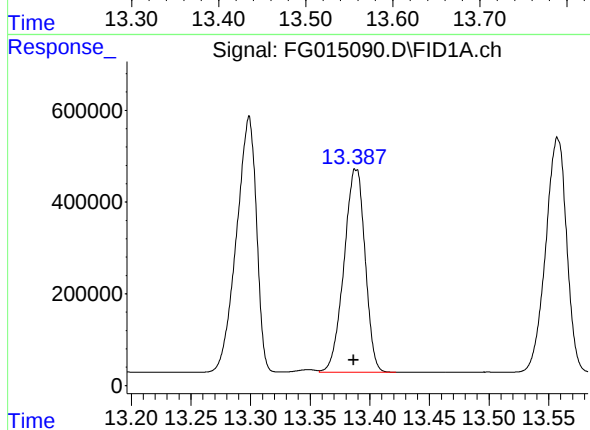
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.004 min
Response: 6508272
Conc: 45.34 ug/ml



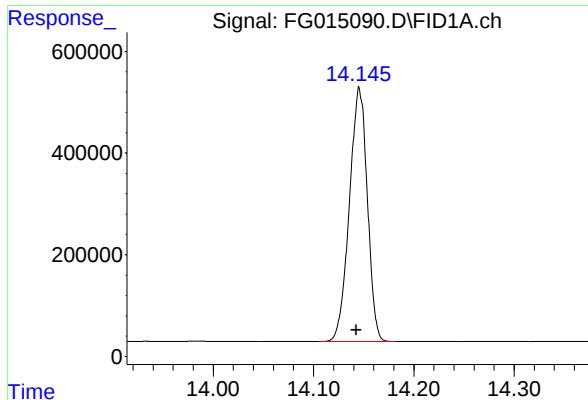
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.003 min
Response: 6255168
Conc: 44.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.002 min
Response: 5448390
Conc: 44.75 ug/ml



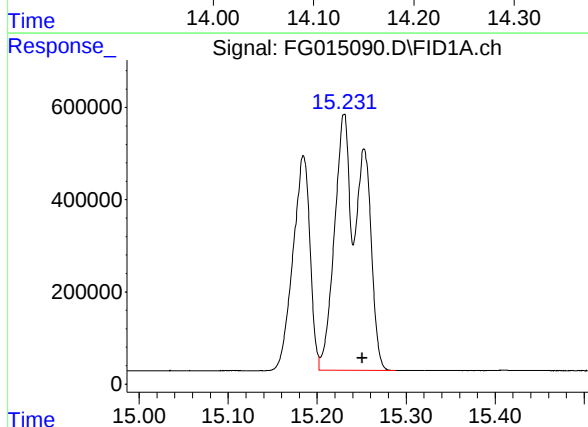
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: 0.003 min
Response: 6220278
Conc: 44.24 ug/ml

Instrument :
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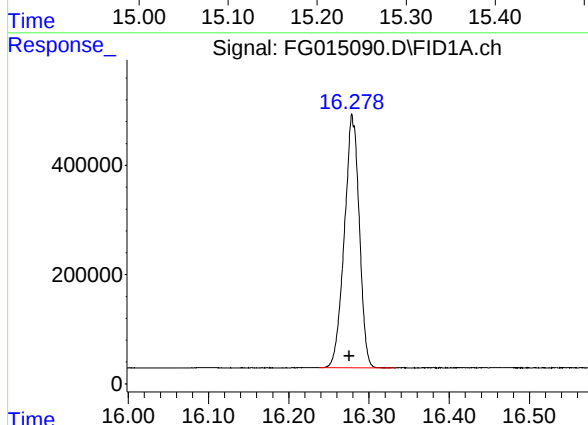
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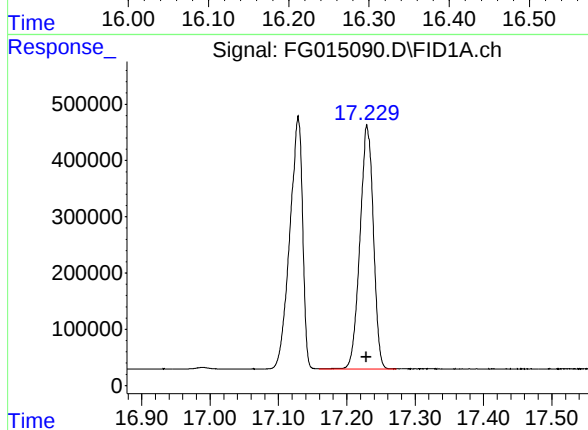
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.020 min
Response: 12293481
Conc: 88.33 ug/ml m



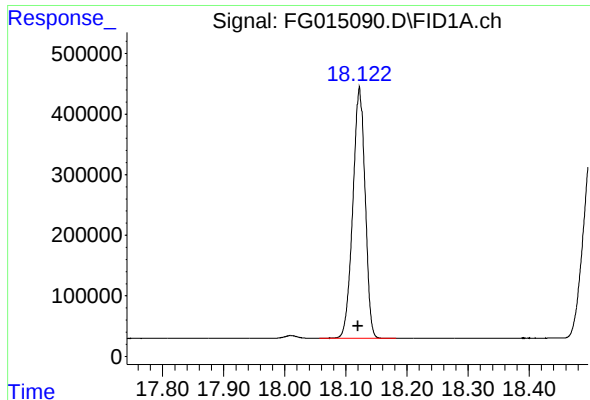
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: 0.003 min
Response: 5989091
Conc: 44.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: 0.000 min
Response: 5893454
Conc: 44.78 ug/ml



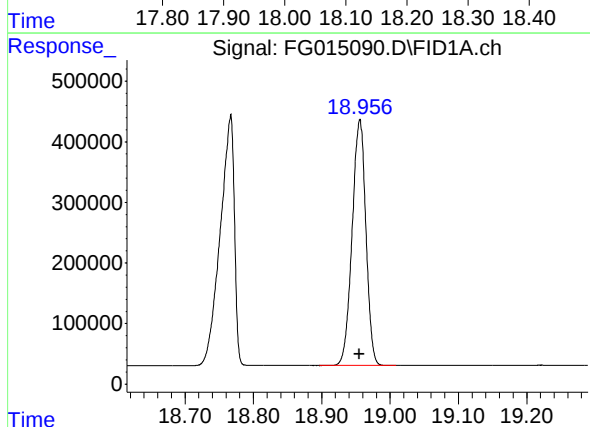
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.002 min
Response: 5795687
Conc: 43.69 ug/ml

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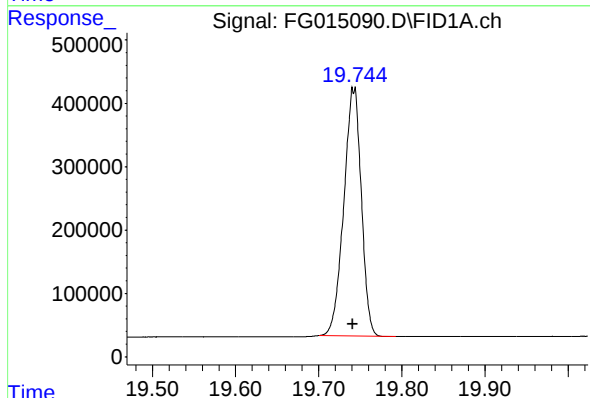
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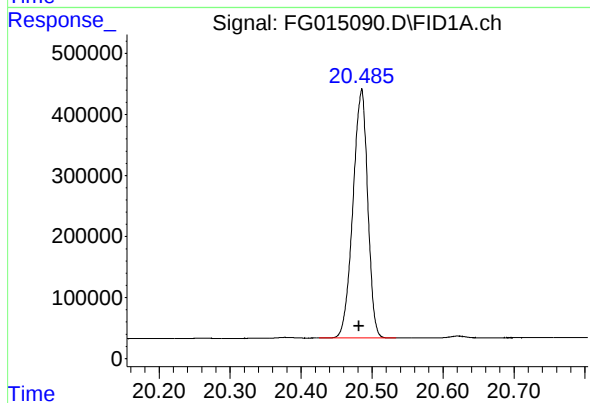
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.000 min
Response: 5677994
Conc: 45.02 ug/ml



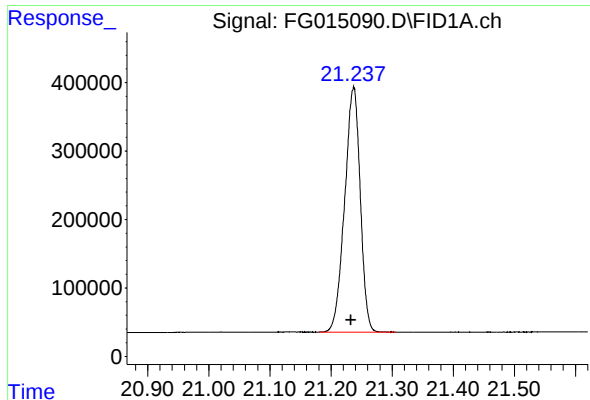
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.002 min
Response: 5740084
Conc: 52.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.004 min
Response: 5886474
Conc: 63.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.237 min
Delta R.T.: 0.004 min
Response: 6347119
Conc: 72.33 ug/ml

Instrument :

FID_G

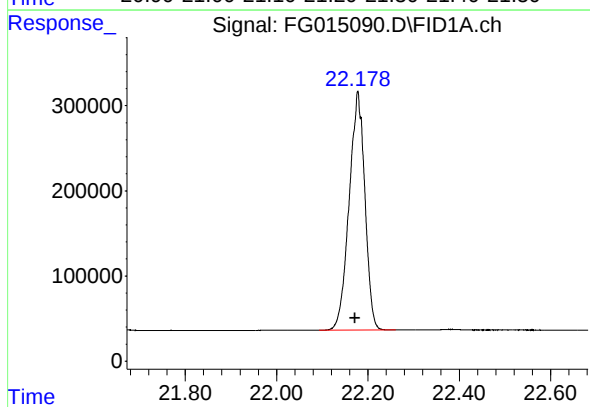
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#22 n-Tetracontane (C40)

R.T.: 22.178 min
Delta R.T.: 0.006 min
Response: 6690287
Conc: 78.93 ug/ml