

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014734.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 15:33
 Operator : YP\AJ
 Sample : P4756-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

BP-B4MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File: autoint1.e

Quant Time: Nov 11 22:14:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 06:49:54 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)	11.952	6102975	39.819 ug/ml
Spiked Amount 50.000		Recovery =	79.64%
12) S 1-chlorooctadecane (S...	13.392	4798039	39.075 ug/ml
Spiked Amount 50.000		Recovery =	78.15%
Target Compounds			
1) T n-Nonane (C9)	3.326	4384642	33.881 ug/ml
2) T n-Decane (C10)	4.576	5111281	38.790 ug/mlm
3) T A~Naphthalene (C11.7)	6.279	5942218	41.424 ug/ml
4) T n-Dodecane (C12)	6.745	5787639	43.568 ug/ml
5) T A~2-methylnaphthalene...	7.377	5714491	40.962 ug/ml
6) T n-Tetradecane (C14)	8.578	6072090	45.765 ug/ml
7) T n-Hexadecane (C16)	10.189	6401119	46.063 ug/ml
8) T n-Octadecane (C18)	11.636	6765063	47.256 ug/ml
10) T n-Eicosane (C20)	12.947	6971207	49.572 ug/mlm
11) T n-Heneicosane (C21)	13.561	6709248	47.935 ug/ml
13) T n-Docosane (C22)	14.148	6642015	47.216 ug/ml
14) T n-Tetracosane (C24)	15.233	12568226	88.325 ug/mlm
15) T n-Hexacosane (C26)	16.277	6224158	44.096 ug/ml
16) T n-Octacosane (C28)	17.225	6046541	43.750 ug/mlm
17) T n-Tricontane (C30)	18.114	5878001	42.409 ug/ml
18) T n-Dotriacontane (C32)	18.947	5680451	43.387 ug/ml
19) T n-Tetratriacontane (C34)	19.730	5582458	49.875 ug/ml
20) T n-Hexatriacontane (C36)	20.472	5324269	57.203 ug/ml
21) T n-Octatriacontane (C38)	21.221	5339556	63.910 ug/ml
22) T n-Tetracontane (C40)	22.161	5402380	71.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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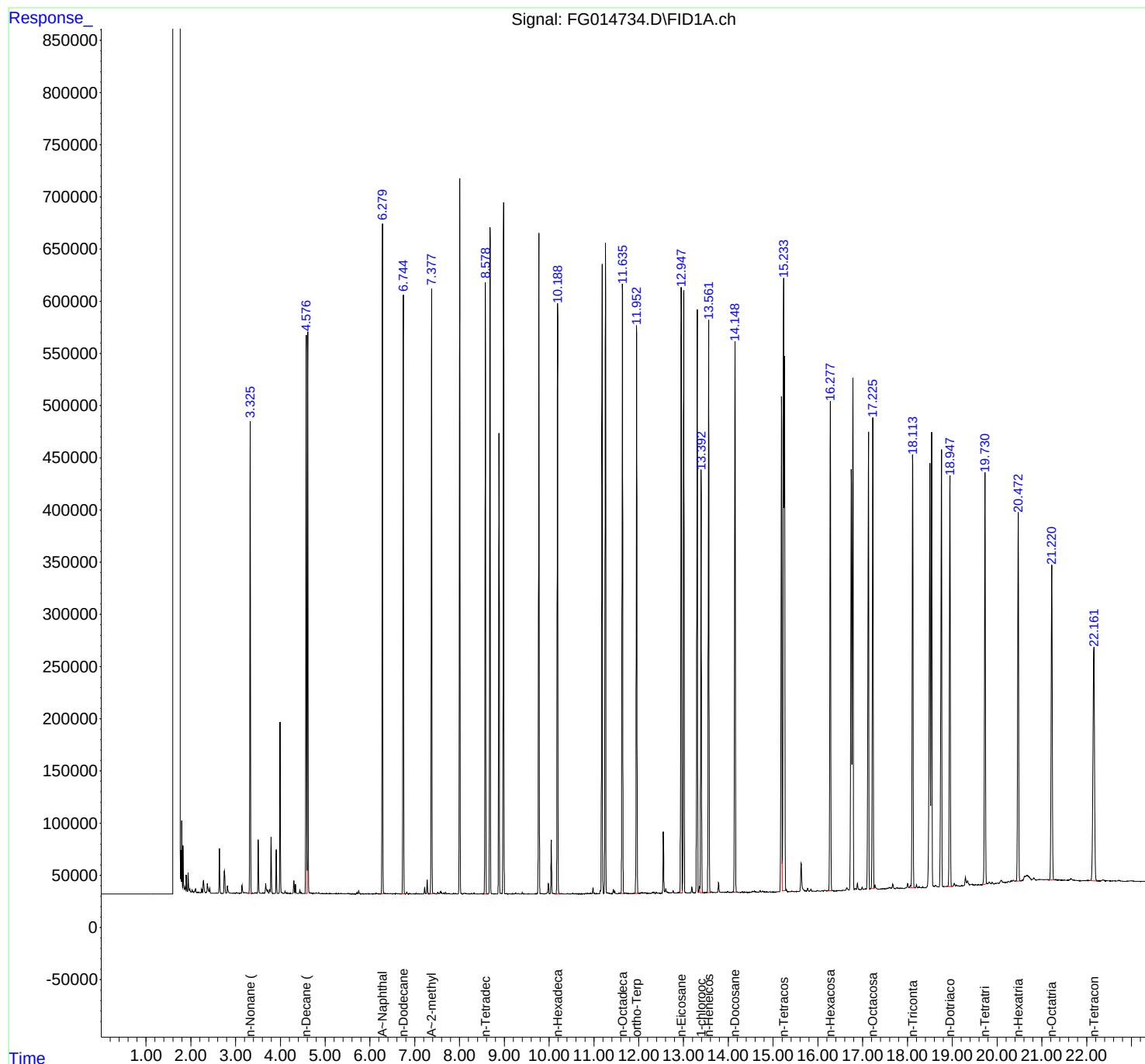
Instrument :
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ClientSampleId :
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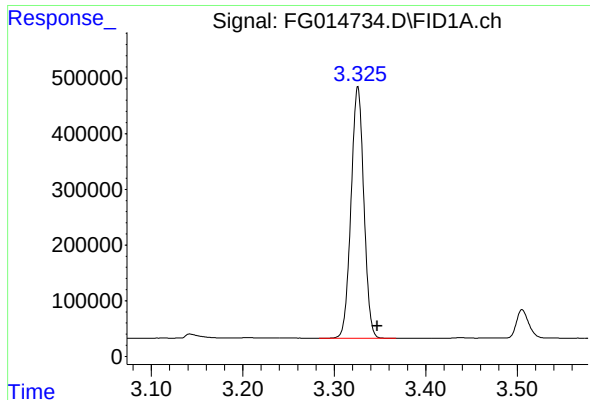
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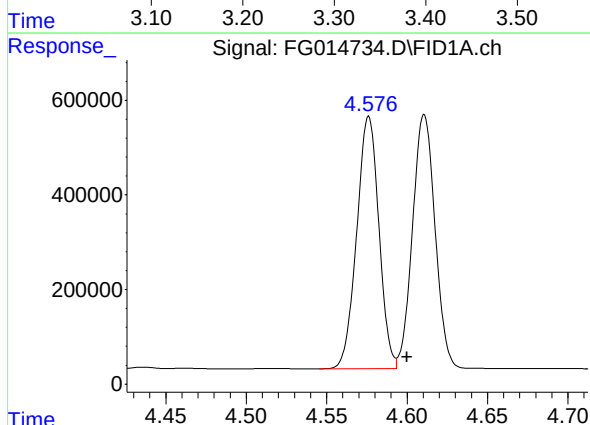
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.021 min
Response: 4384642
Conc: 33.88 ug/ml

Instrument :
FID_G
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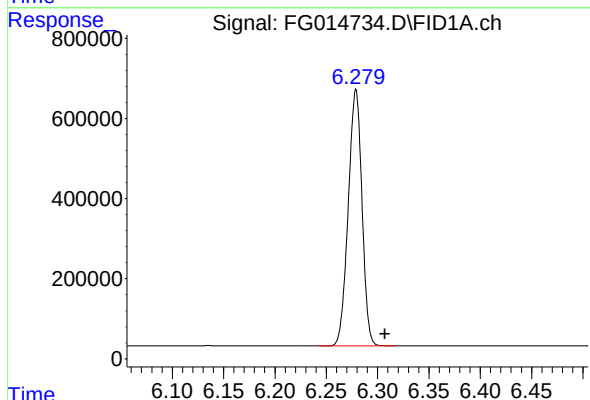
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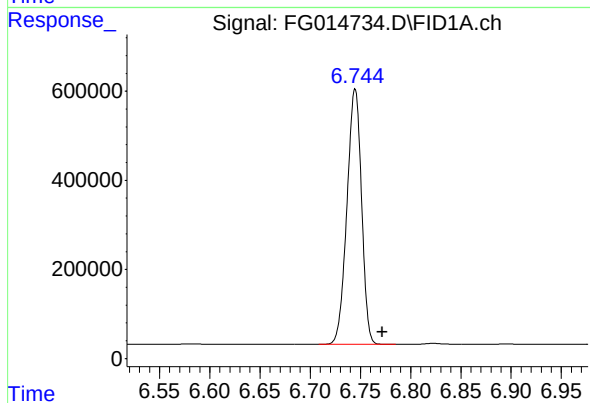
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.024 min
Response: 5111281
Conc: 38.79 ug/ml m



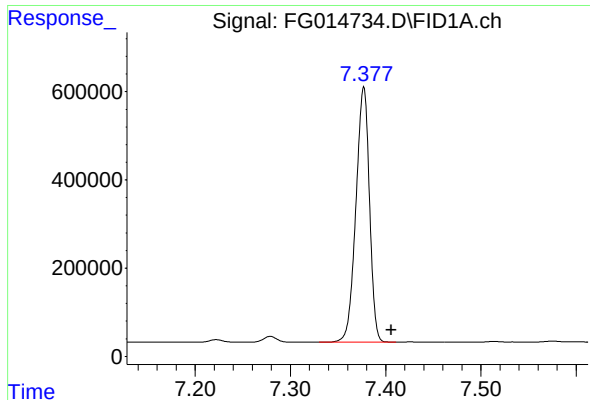
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.028 min
Response: 5942218
Conc: 41.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.027 min
Response: 5787639
Conc: 43.57 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.029 min
Response: 5714491
Conc: 40.96 ug/ml

Instrument :

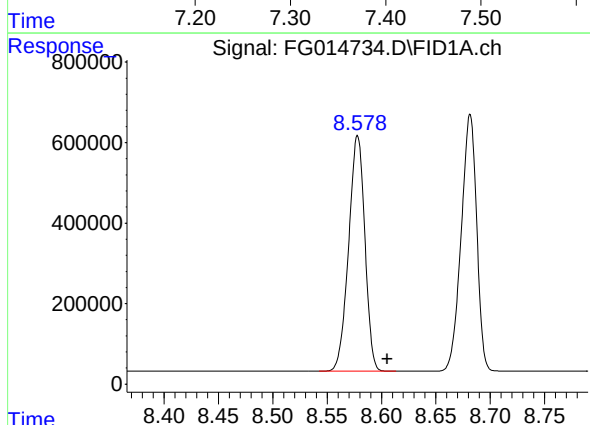
FID_G

ClientSampleId :

BP-B4MSD

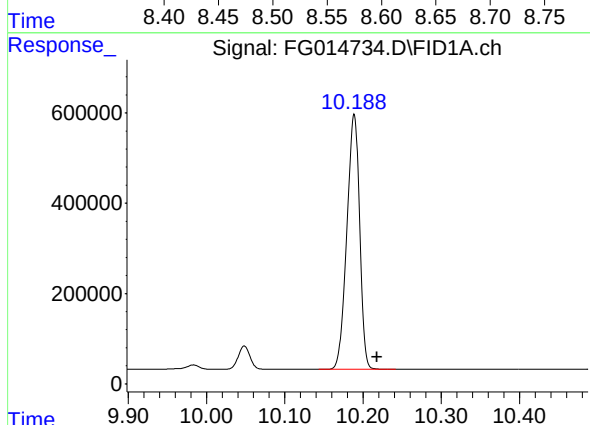
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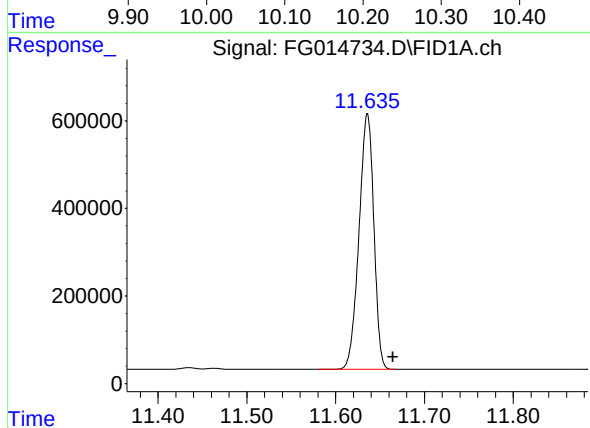
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.027 min
Response: 6072090
Conc: 45.76 ug/ml



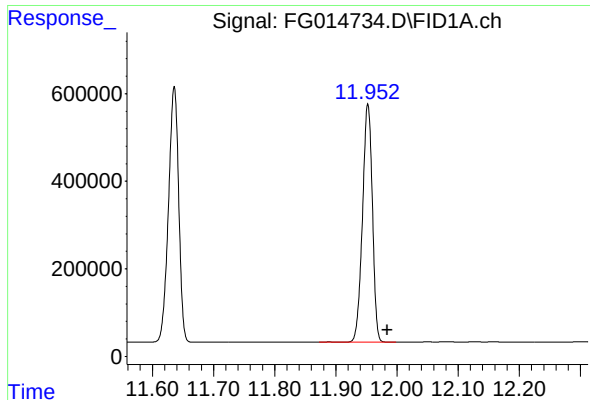
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: -0.029 min
Response: 6401119
Conc: 46.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.029 min
Response: 6765063
Conc: 47.26 ug/ml



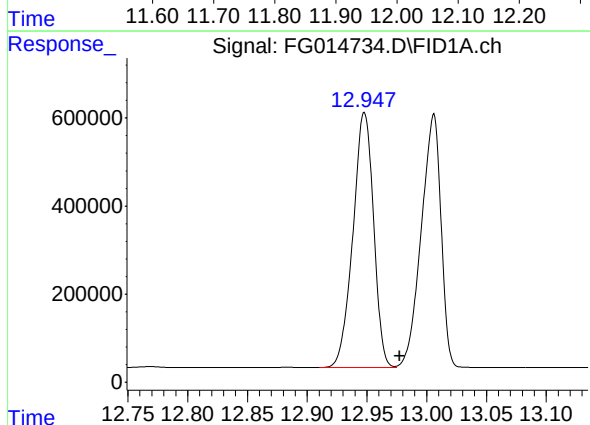
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.032 min
Response: 6102975
Conc: 39.82 ug/ml

Instrument :
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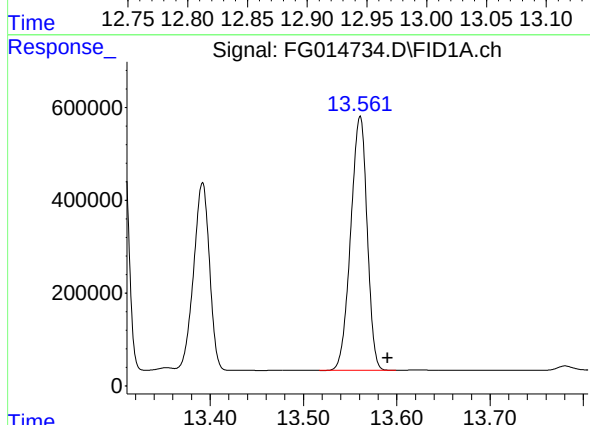
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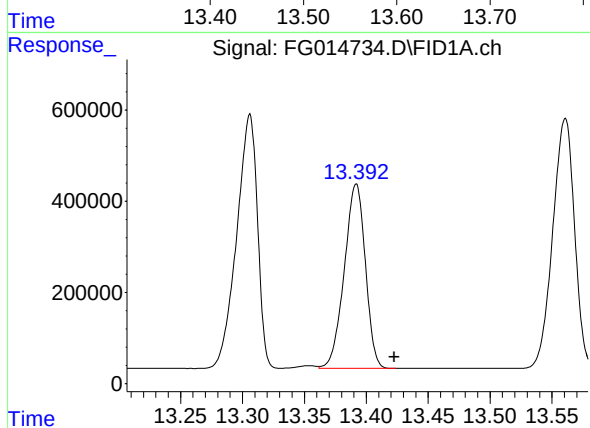
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.030 min
Response: 6971207
Conc: 49.57 ug/ml m



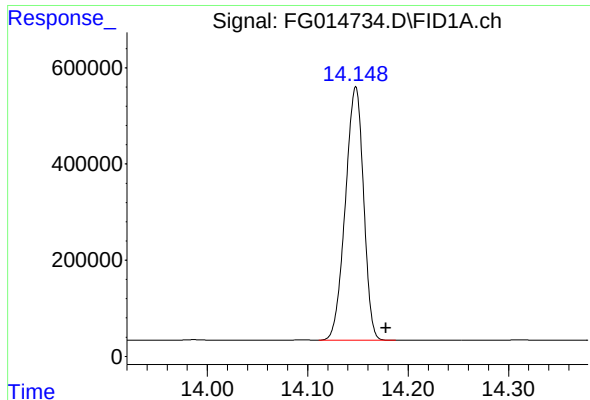
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.029 min
Response: 6709248
Conc: 47.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.031 min
Response: 4798039
Conc: 39.07 ug/ml



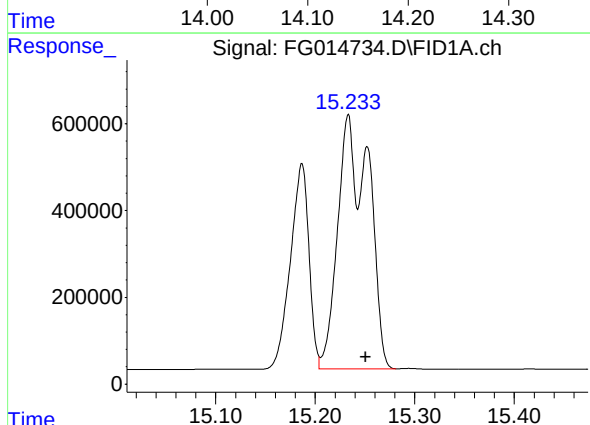
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 6642015
Conc: 47.22 ug/ml

Instrument :
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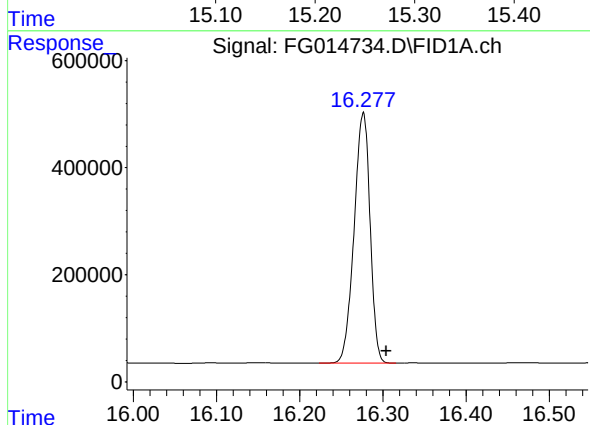
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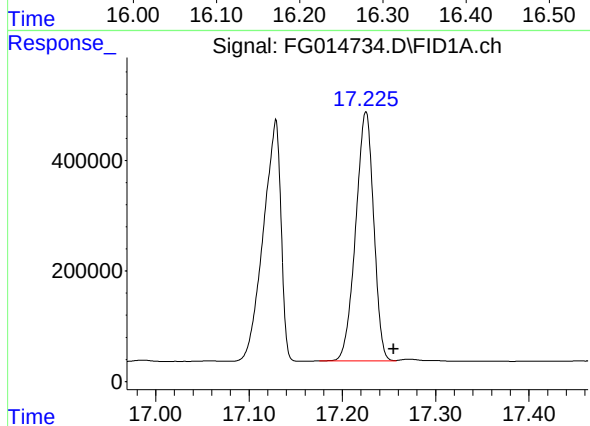
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.018 min
Response: 12568226
Conc: 88.32 ug/ml



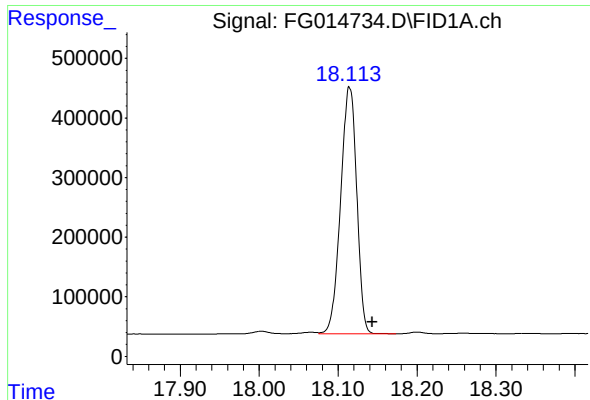
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.027 min
Response: 6224158
Conc: 44.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.030 min
Response: 6046541
Conc: 43.75 ug/ml



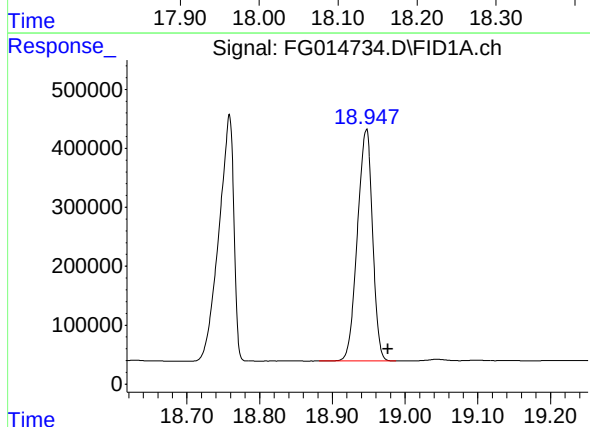
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.029 min
Response: 5878001
Conc: 42.41 ug/ml

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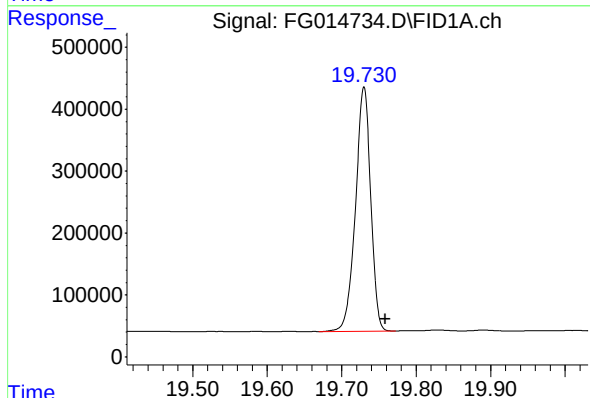
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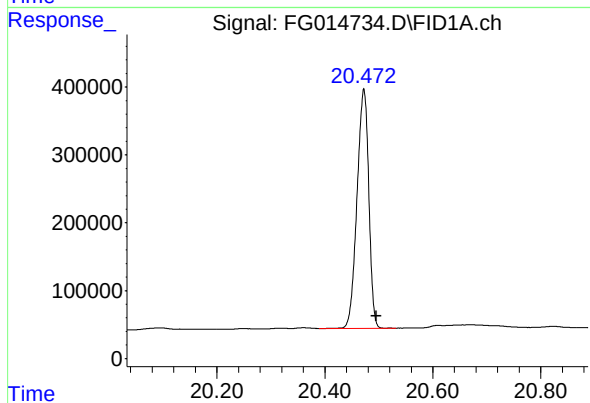
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.029 min
Response: 5680451
Conc: 43.39 ug/ml



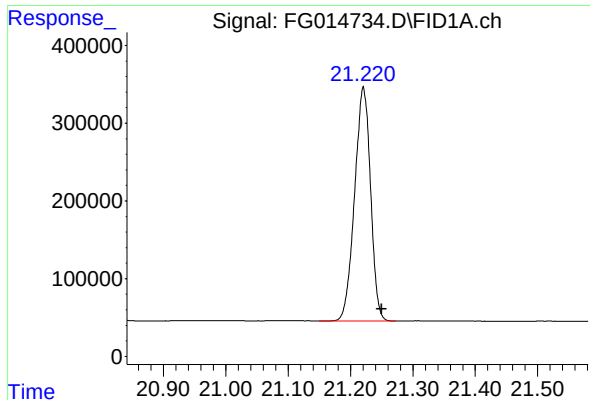
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.029 min
Response: 5582458
Conc: 49.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: -0.023 min
Response: 5324269
Conc: 57.20 ug/ml



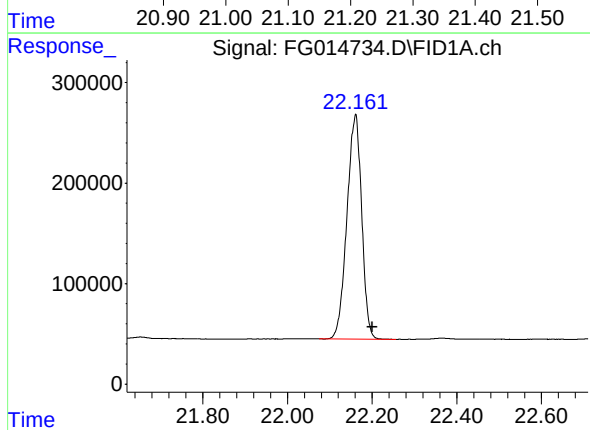
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.030 min
Response: 5339556
Conc: 63.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.039 min
Response: 5402380
Conc: 71.04 ug/ml