

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014733.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 15:05
 Operator : YP\AJ
 Sample : P4756-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

BP-B4MS

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 22:13:23 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)	11.953	6119044	39.924 ug/ml
Spiked Amount 50.000		Recovery =	79.85%
12) S 1-chlorooctadecane (S...	13.391	4803920	39.123 ug/ml
Spiked Amount 50.000		Recovery =	78.25%
Target Compounds			
1) T n-Nonane (C9)	3.325	4379715	33.843 ug/ml
2) T n-Decane (C10)	4.576	5119441	38.852 ug/mlm
3) T A~Naphthalene (C11.7)	6.279	5945796	41.448 ug/ml
4) T n-Dodecane (C12)	6.745	5799370	43.656 ug/ml
5) T A~2-methylnaphthalene...	7.377	5728566	41.063 ug/ml
6) T n-Tetradecane (C14)	8.579	6095644	45.942 ug/ml
7) T n-Hexadecane (C16)	10.188	6425925	46.242 ug/ml
8) T n-Octadecane (C18)	11.636	6788357	47.418 ug/ml
10) T n-Eicosane (C20)	12.948	6993323	49.729 ug/mlm
11) T n-Heneicosane (C21)	13.560	6717950	47.997 ug/ml
13) T n-Docosane (C22)	14.148	6652497	47.291 ug/ml
14) T n-Tetracosane (C24)	15.232	12629779	88.757 ug/mlm
15) T n-Hexacosane (C26)	16.277	6229516	44.134 ug/ml
16) T n-Octacosane (C28)	17.225	6056582	43.823 ug/mlm
17) T n-Tricontane (C30)	18.116	5893034	42.518 ug/ml
18) T n-Dotriacontane (C32)	18.947	5692693	43.481 ug/ml
19) T n-Tetratriacontane (C34)	19.730	5591738	49.958 ug/ml
20) T n-Hexatriacontane (C36)	20.470	5353118	57.513 ug/ml
21) T n-Octatriacontane (C38)	21.223	5371801	64.296 ug/ml
22) T n-Tetracontane (C40)	22.161	5431421	71.426 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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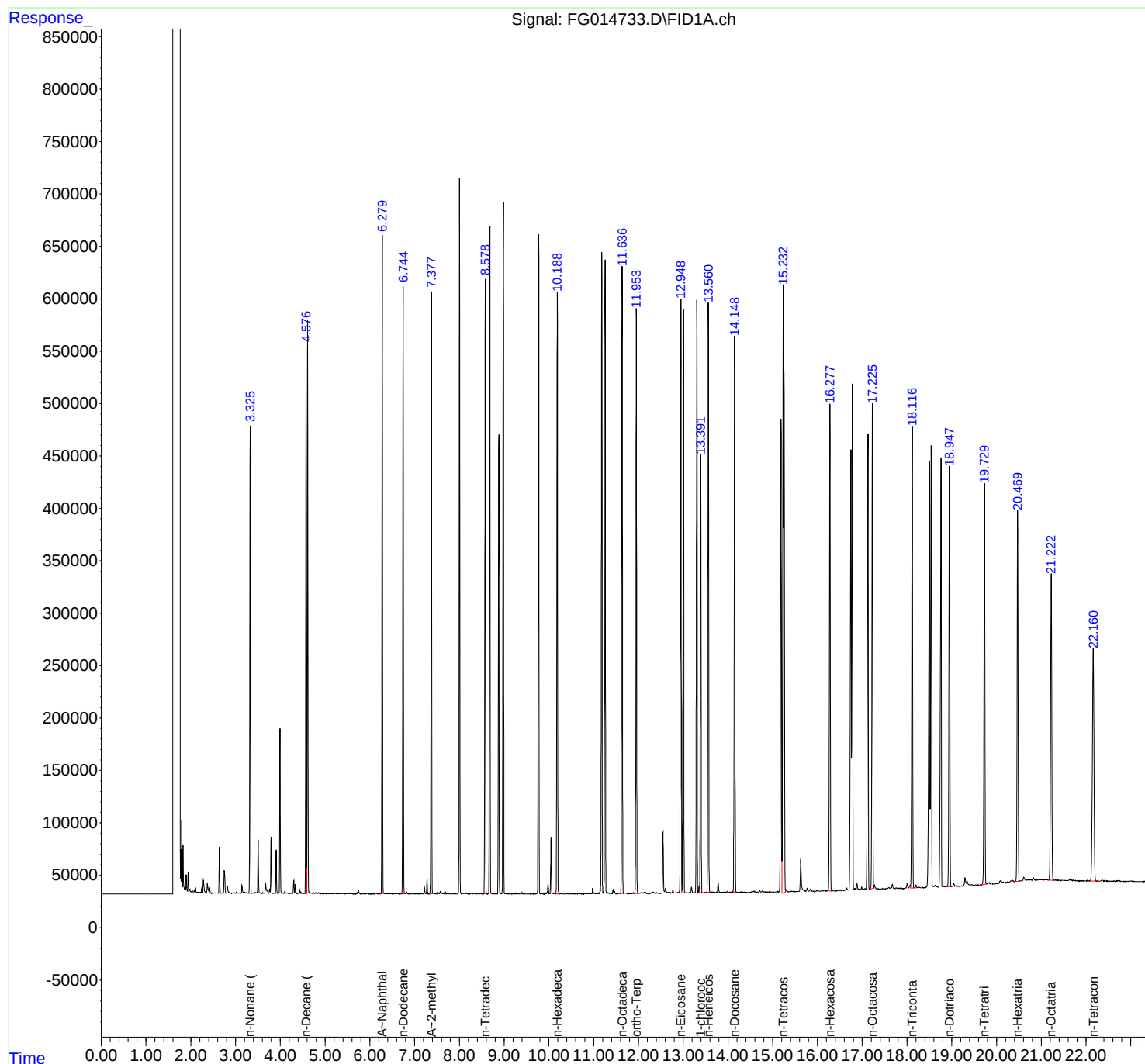
Response via : Initial Calibration

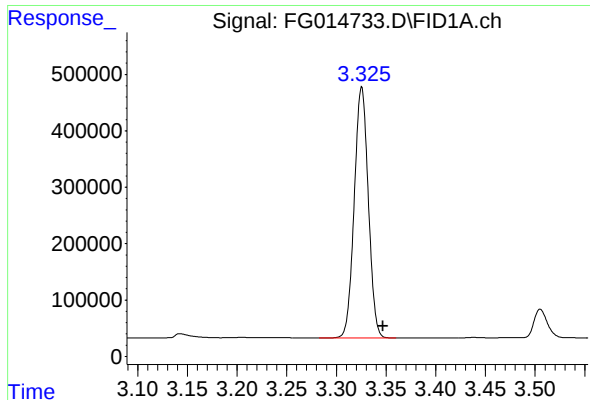
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





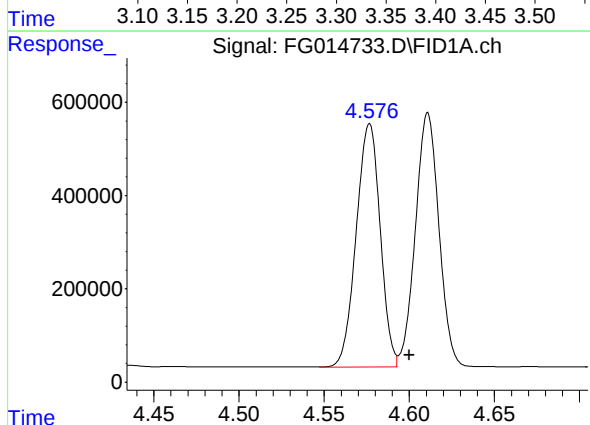
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.022 min
Response: 4379715
Conc: 33.84 ug/ml

Instrument :
FID_G
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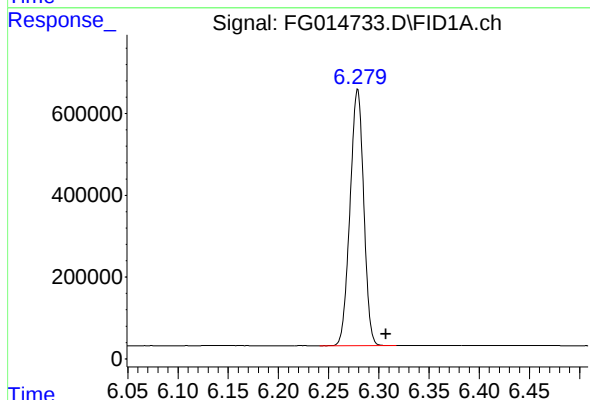
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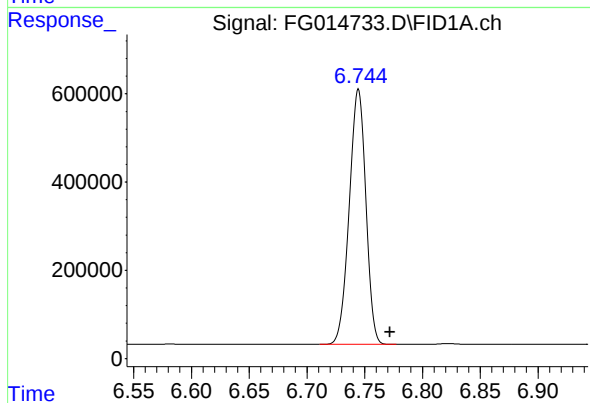
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.024 min
Response: 5119441
Conc: 38.85 ug/ml m



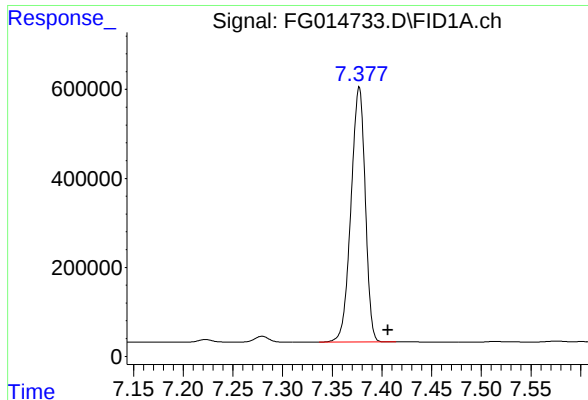
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.028 min
Response: 5945796
Conc: 41.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.027 min
Response: 5799370
Conc: 43.66 ug/ml



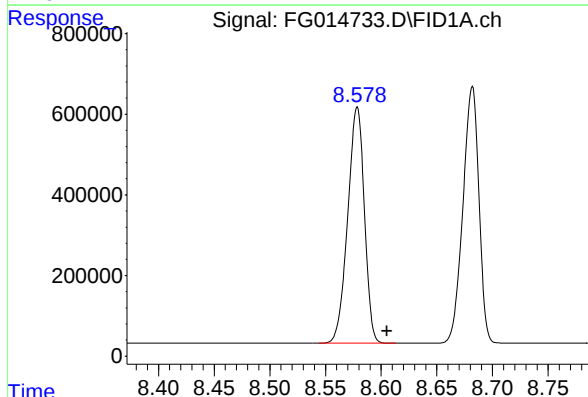
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: -0.029 min
Response: 5728566
Conc: 41.06 ug/ml

Instrument :
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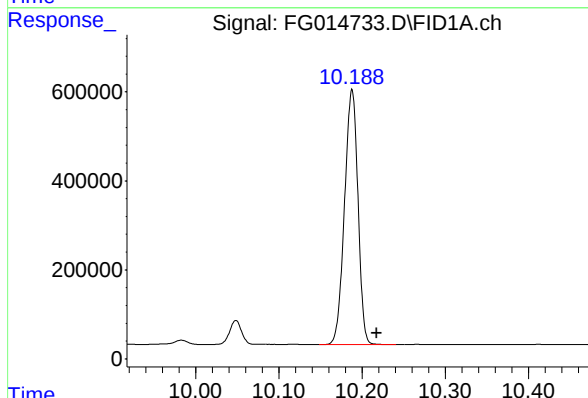
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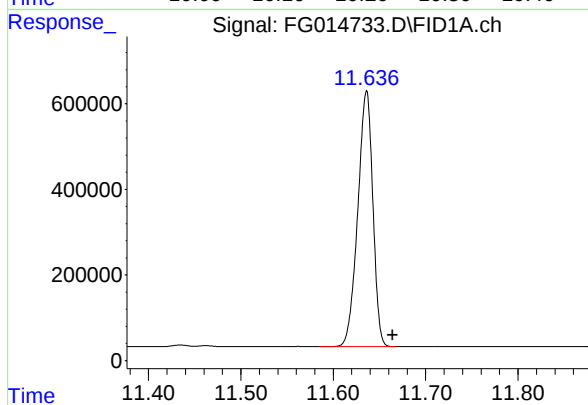
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.027 min
Response: 6095644
Conc: 45.94 ug/ml



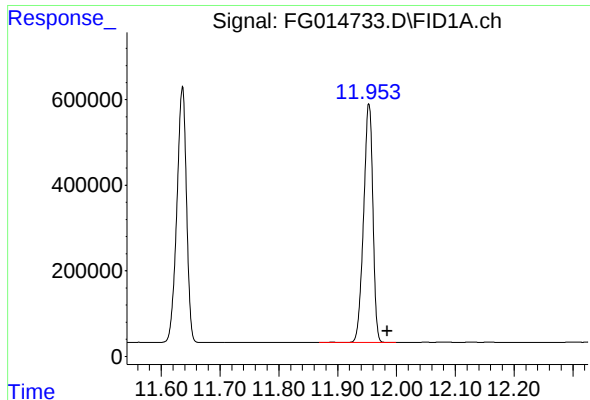
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.030 min
Response: 6425925
Conc: 46.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.028 min
Response: 6788357
Conc: 47.42 ug/ml



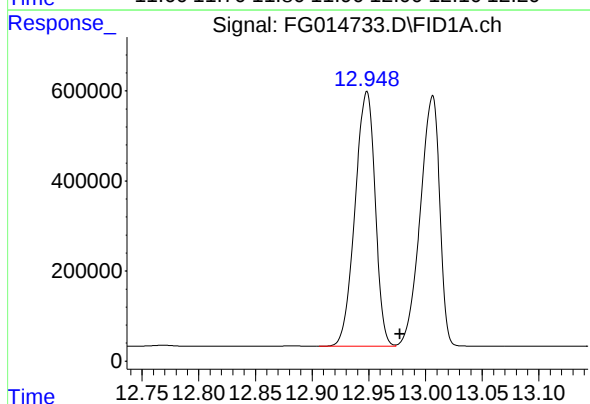
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.031 min
Response: 6119044
Conc: 39.92 ug/ml

Instrument :
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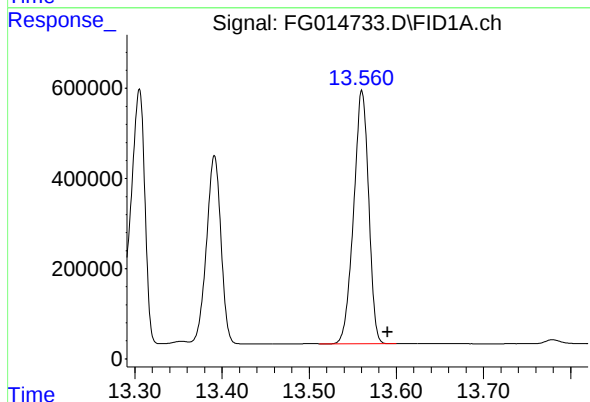
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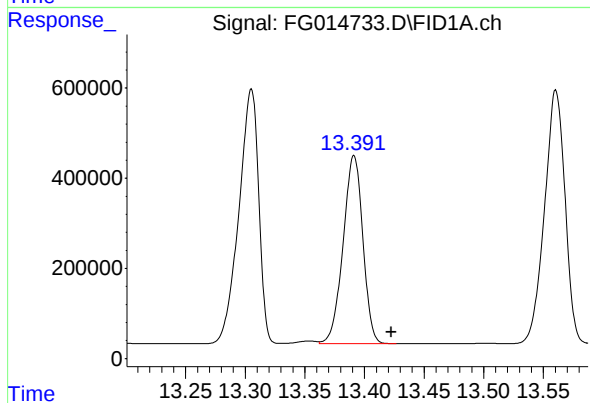
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.029 min
Response: 6993323
Conc: 49.73 ug/ml



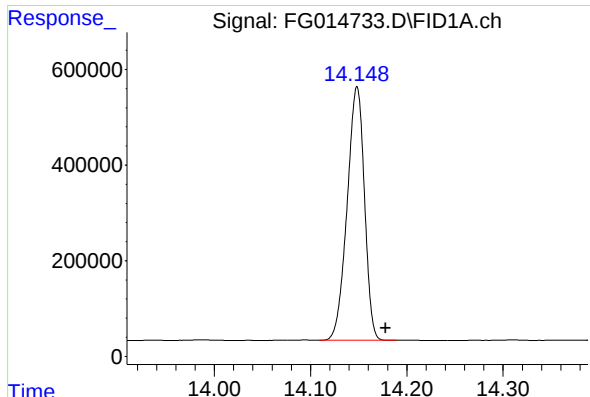
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.030 min
Response: 6717950
Conc: 48.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.391 min
Delta R.T.: -0.031 min
Response: 4803920
Conc: 39.12 ug/ml



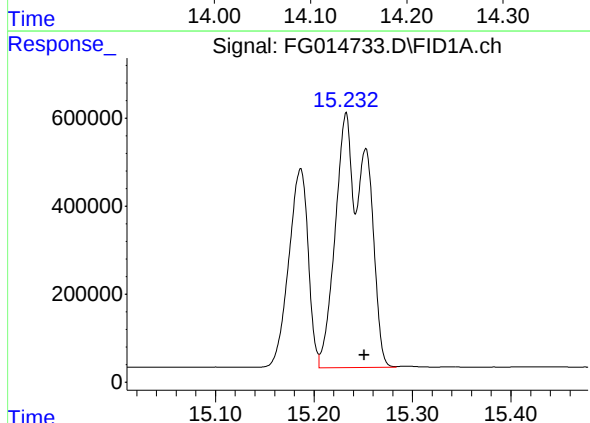
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 6652497
Conc: 47.29 ug/ml

Instrument :
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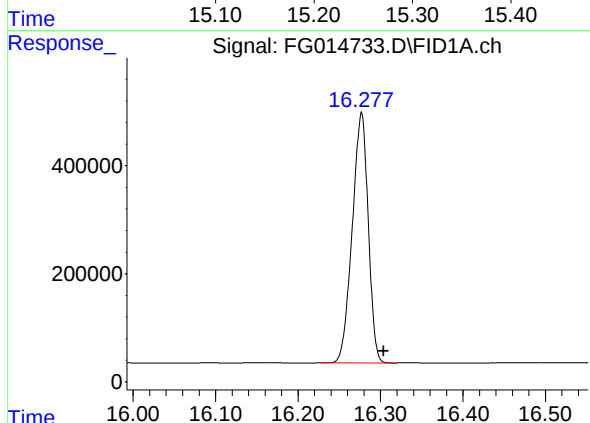
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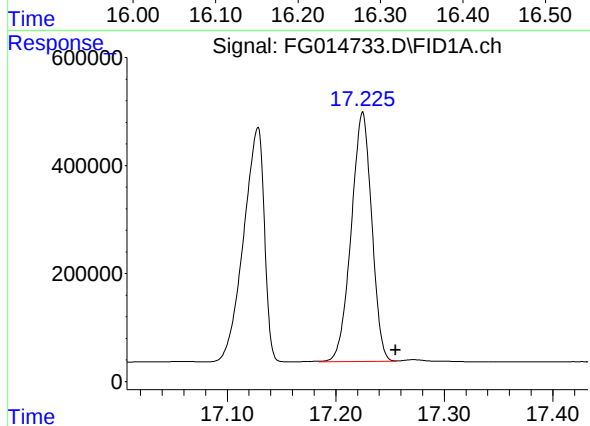
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.019 min
Response: 12629779
Conc: 88.76 ug/ml m



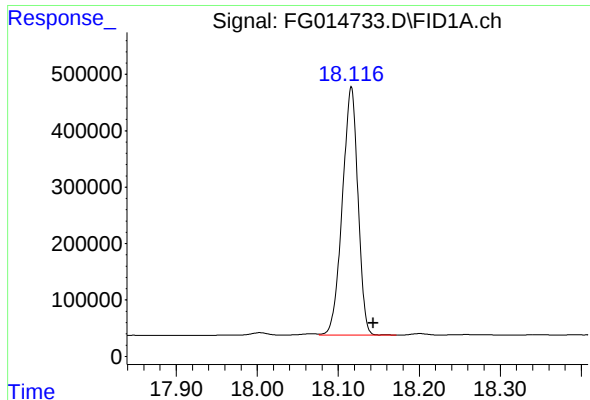
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.027 min
Response: 6229516
Conc: 44.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.030 min
Response: 6056582
Conc: 43.82 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.027 min
Response: 5893034
Conc: 42.52 ug/ml

Instrument :

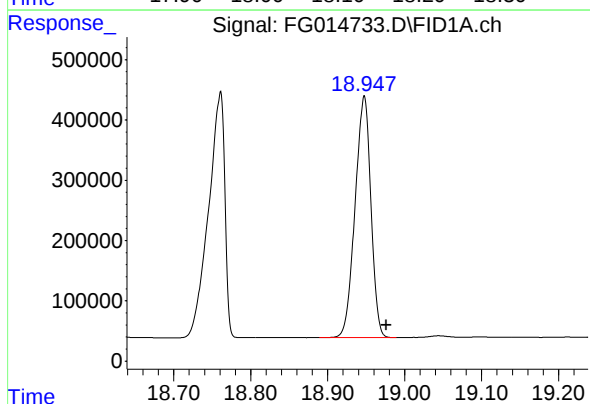
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ClientSampleId :

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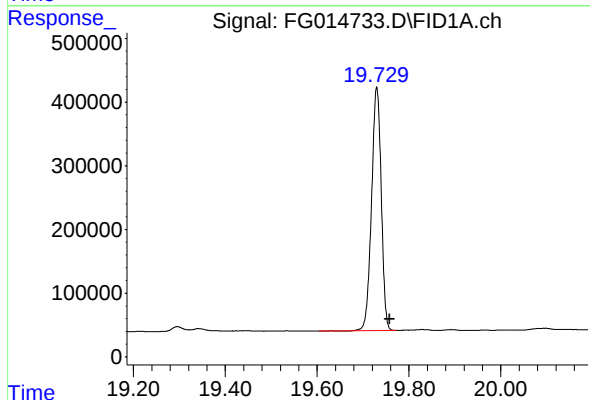
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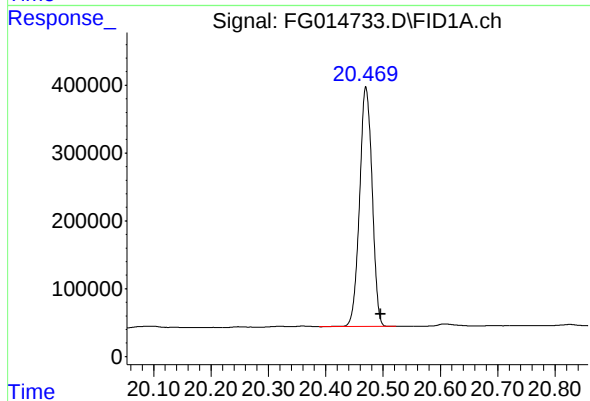
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.029 min
Response: 5692693
Conc: 43.48 ug/ml



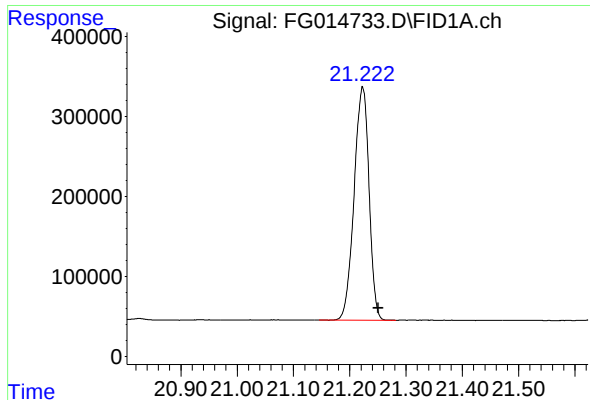
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.029 min
Response: 5591738
Conc: 49.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.025 min
Response: 5353118
Conc: 57.51 ug/ml



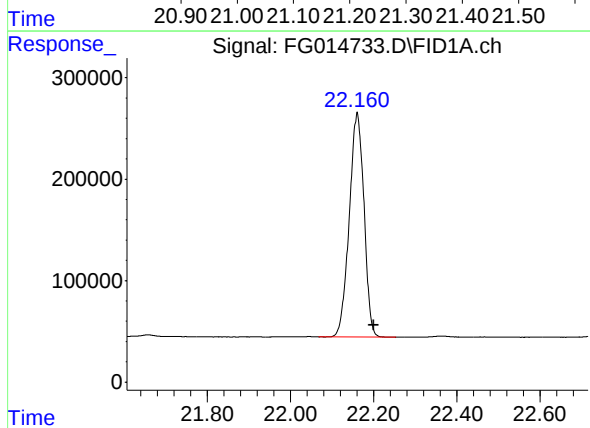
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.028 min
Response: 5371801
Conc: 64.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.040 min
Response: 5431421
Conc: 71.43 ug/ml