

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111124AL\
 Data File : FG014730.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 13:40
 Operator : YP\AJ
 Sample : PB164844BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB164844BSD

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 22:12:21 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	6560582	42.805 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
12) S 1-chlorooctadecane (S...	13.392	5072927	41.314 ug/ml
Spiked Amount 50.000		Recovery =	82.63%
Target Compounds			
1) T n-Nonane (C9)	3.336	6080436	46.985 ug/ml
2) T n-Decane (C10)	4.581	6381192	48.428 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	6935139	48.345 ug/ml
4) T n-Dodecane (C12)	6.746	6567621	49.439 ug/ml
5) T A~2-methylnaphthalene...	7.378	6391829	45.817 ug/ml
6) T n-Tetradecane (C14)	8.579	6597360	49.724 ug/ml
7) T n-Hexadecane (C16)	10.188	6667781	47.982 ug/ml
8) T n-Octadecane (C18)	11.636	6768903	47.283 ug/ml
10) T n-Eicosane (C20)	12.948	6833740	48.594 ug/mlm
11) T n-Heneicosane (C21)	13.561	6559673	46.866 ug/ml
13) T n-Docosane (C22)	14.148	6474853	46.028 ug/ml
14) T n-Tetracosane (C24)	15.232	12235694	85.988 ug/mlm
15) T n-Hexacosane (C26)	16.276	6033392	42.744 ug/ml
16) T n-Octacosane (C28)	17.226	5884589	42.578 ug/ml
17) T n-Tricontane (C30)	18.115	5684604	41.014 ug/ml
18) T n-Dotriacontane (C32)	18.946	5479986	41.856 ug/ml
19) T n-Tetratriacontane (C34)	19.729	5395679	48.206 ug/ml
20) T n-Hexatriacontane (C36)	20.471	5118317	54.991 ug/ml
21) T n-Octatriacontane (C38)	21.221	5108699	61.147 ug/ml
22) T n-Tetracontane (C40)	22.162	5090373	66.941 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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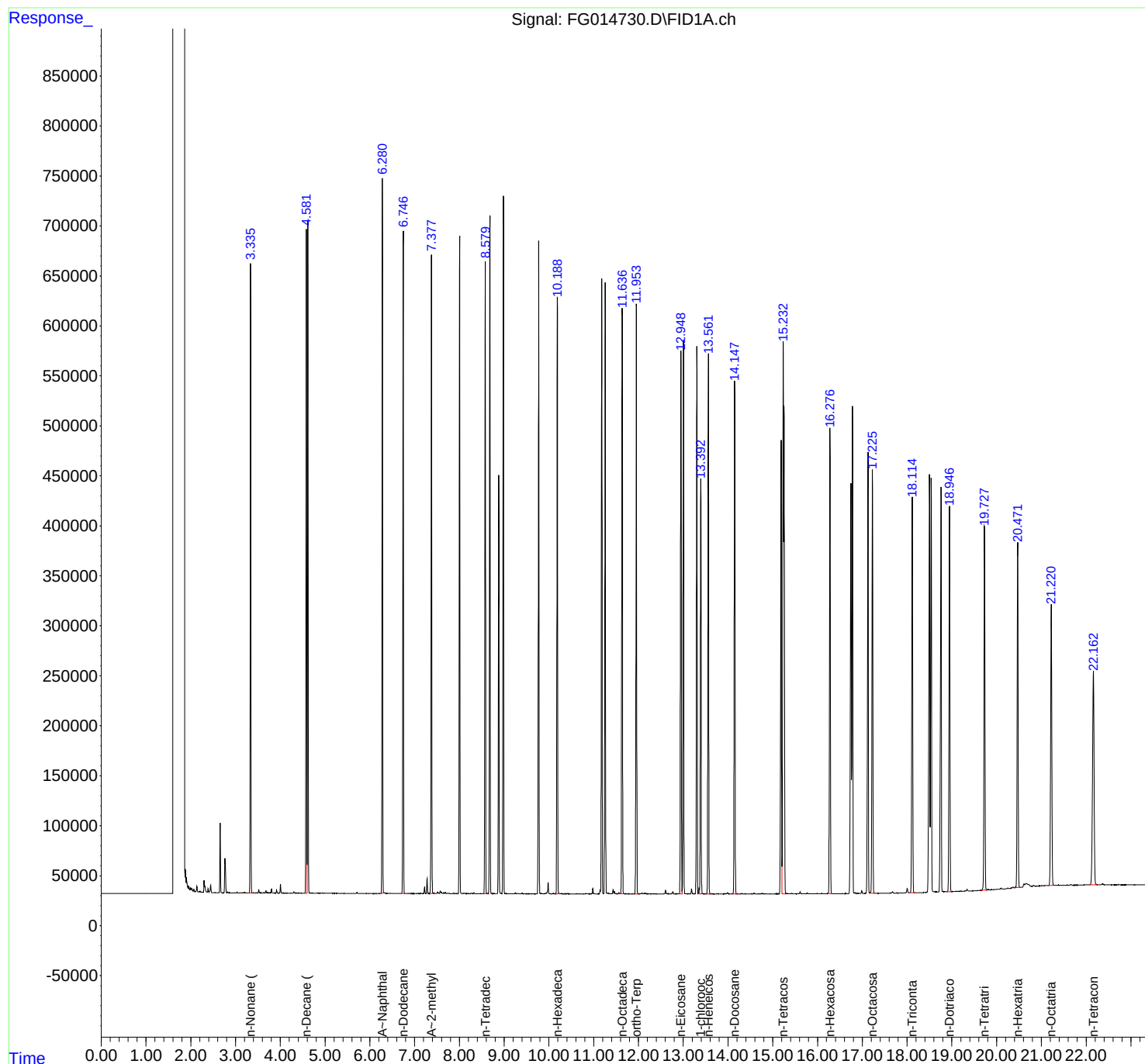
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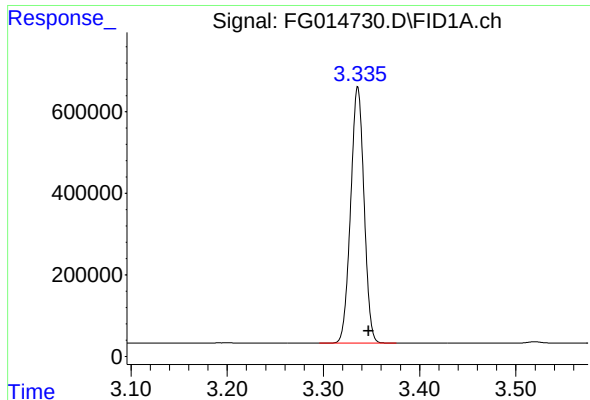
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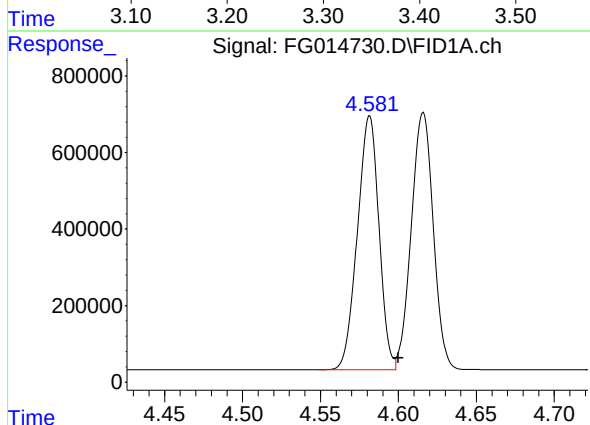
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.011 min
Response: 6080436
Conc: 46.98 ug/ml

Instrument :
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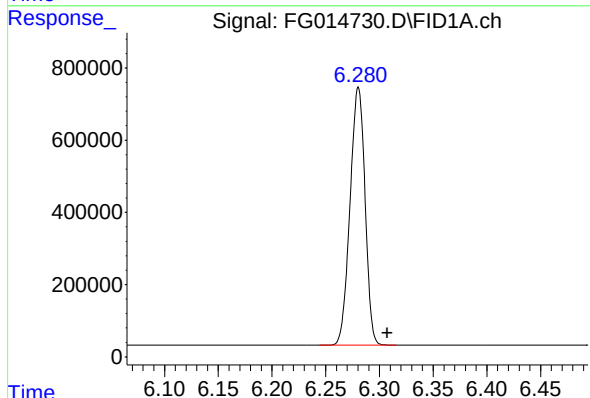
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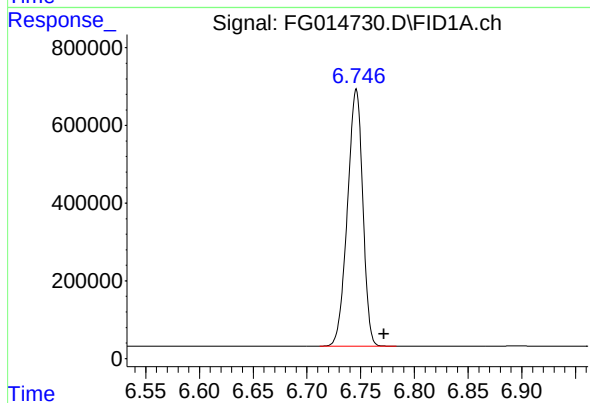
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.019 min
Response: 6381192
Conc: 48.43 ug/ml



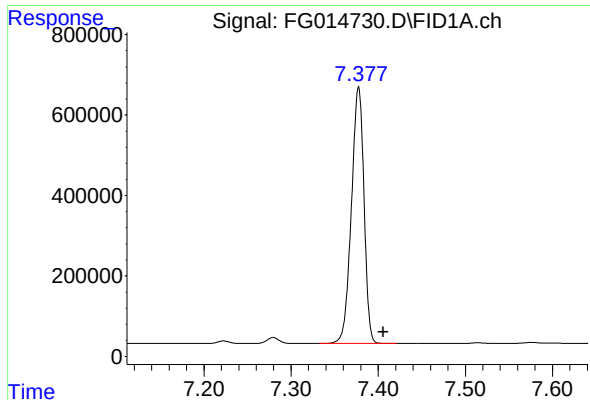
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.027 min
Response: 6935139
Conc: 48.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.026 min
Response: 6567621
Conc: 49.44 ug/ml



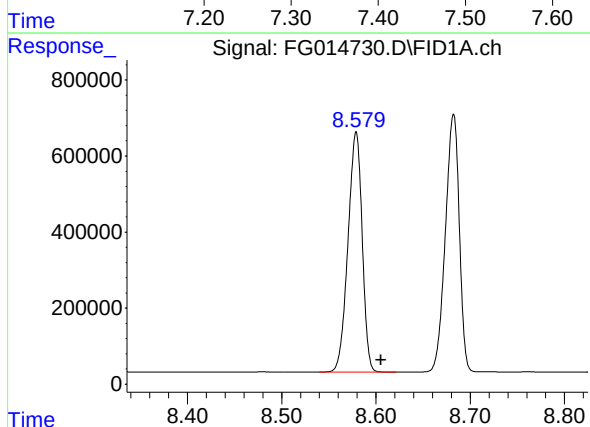
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.028 min
Response: 6391829
Conc: 45.82 ug/ml

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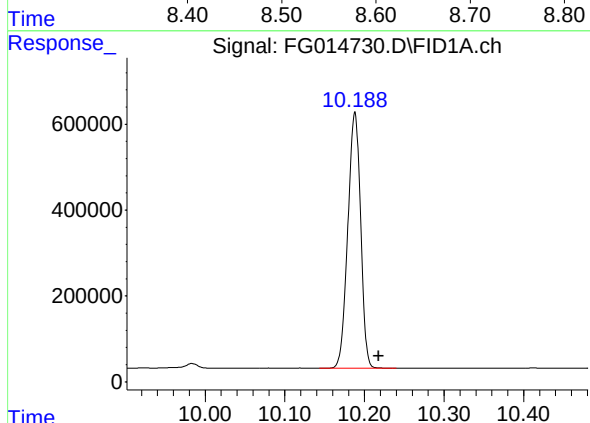
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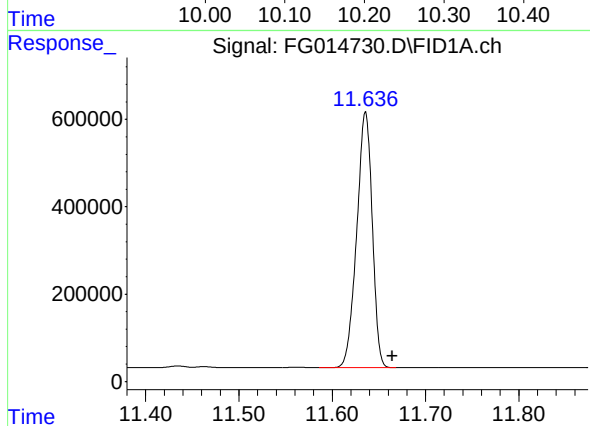
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.026 min
Response: 6597360
Conc: 49.72 ug/ml



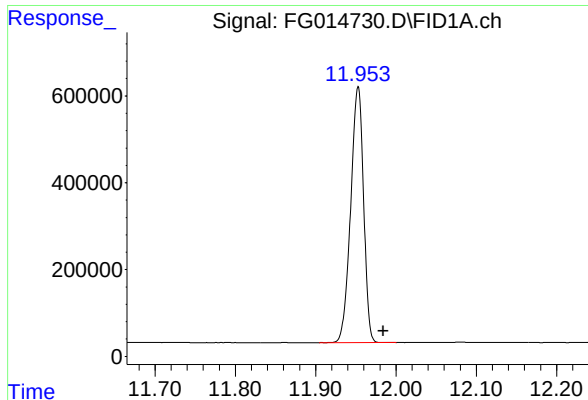
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.030 min
Response: 6667781
Conc: 47.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.029 min
Response: 6768903
Conc: 47.28 ug/ml



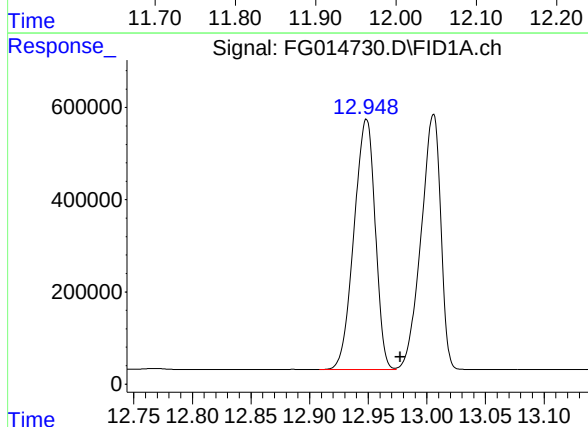
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.031 min
Response: 6560582
Conc: 42.80 ug/ml

Instrument :
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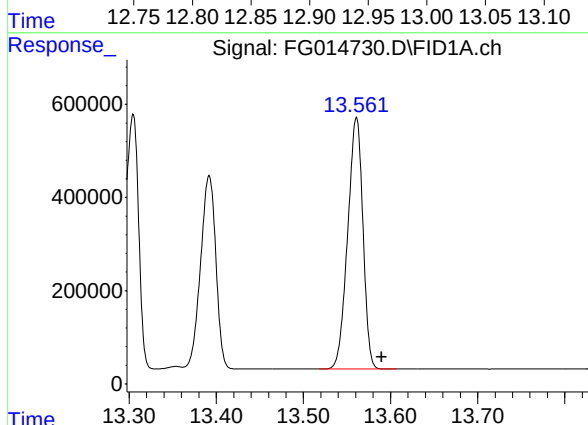
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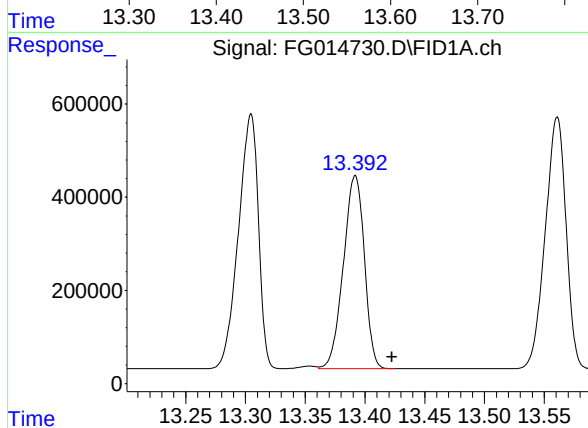
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.030 min
Response: 6833740
Conc: 48.59 ug/ml



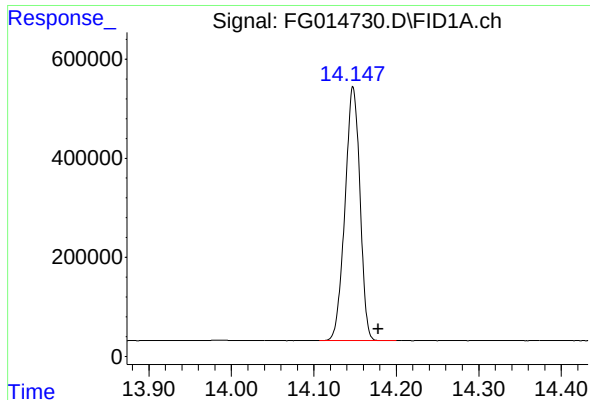
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.029 min
Response: 6559673
Conc: 46.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.031 min
Response: 5072927
Conc: 41.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 6474853
Conc: 46.03 ug/ml

Instrument :

FID_G

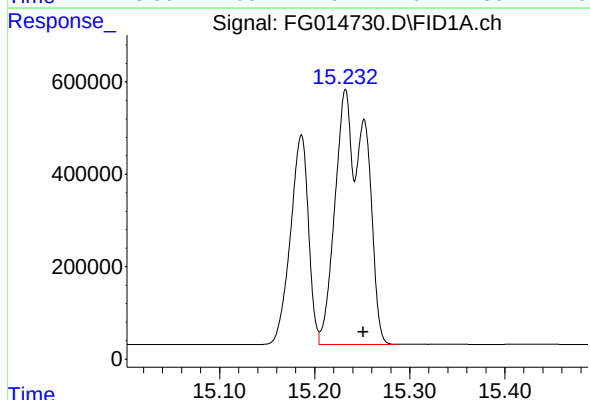
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PB164844BSD

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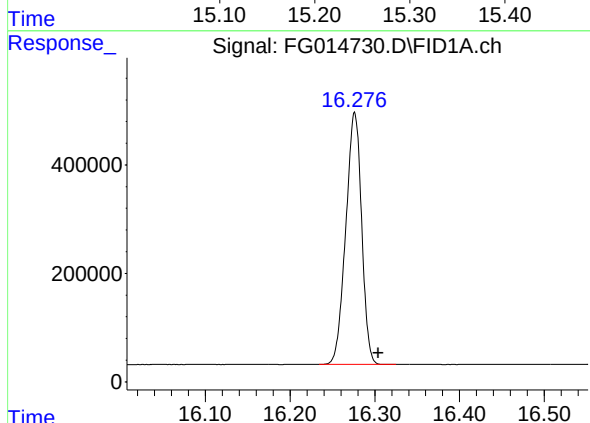
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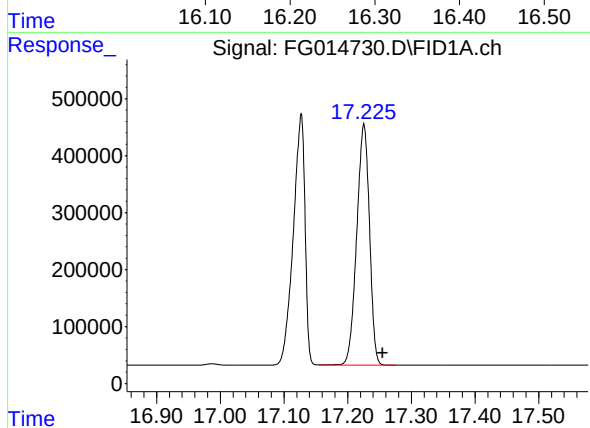
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.019 min
Response: 12235694
Conc: 85.99 ug/ml m



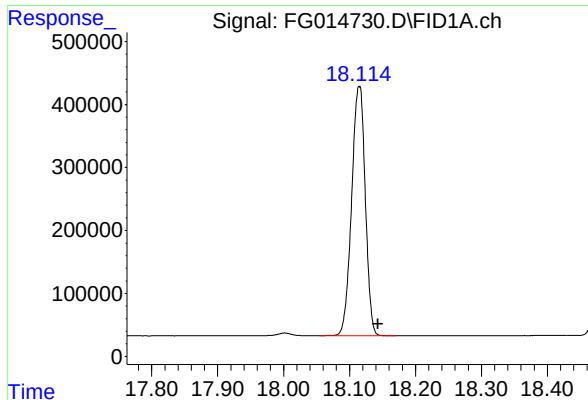
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.028 min
Response: 6033392
Conc: 42.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.030 min
Response: 5884589
Conc: 42.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.028 min
Response: 5684604
Conc: 41.01 ug/ml

Instrument :

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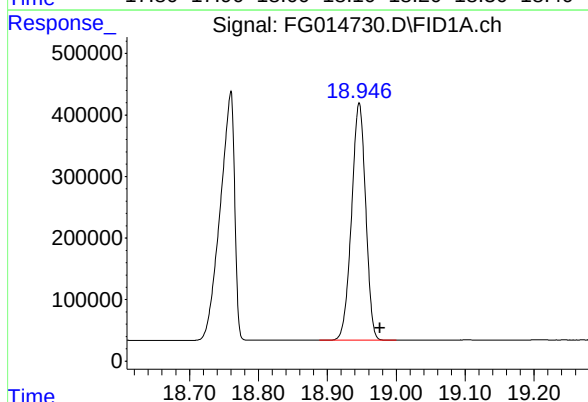
ClientSampleId :

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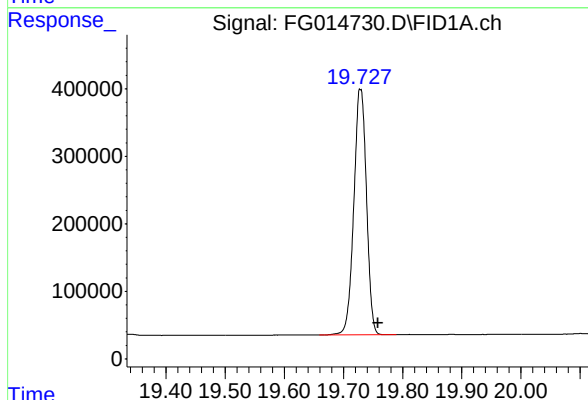
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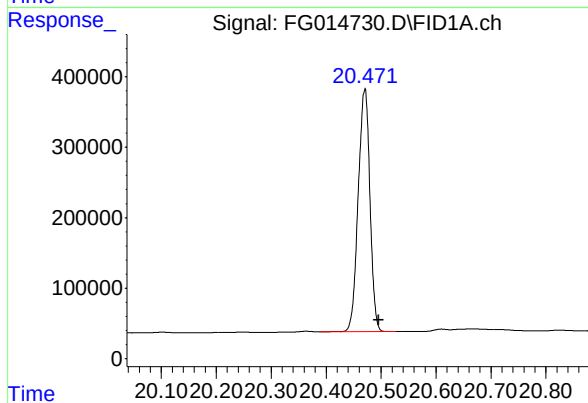
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.030 min
Response: 5479986
Conc: 41.86 ug/ml



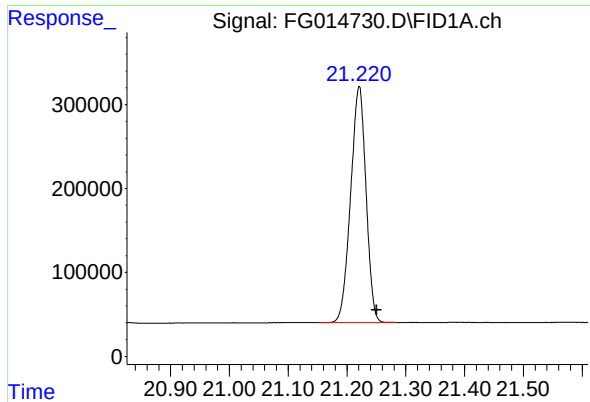
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: -0.030 min
Response: 5395679
Conc: 48.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.471 min
Delta R.T.: -0.025 min
Response: 5118317
Conc: 54.99 ug/ml



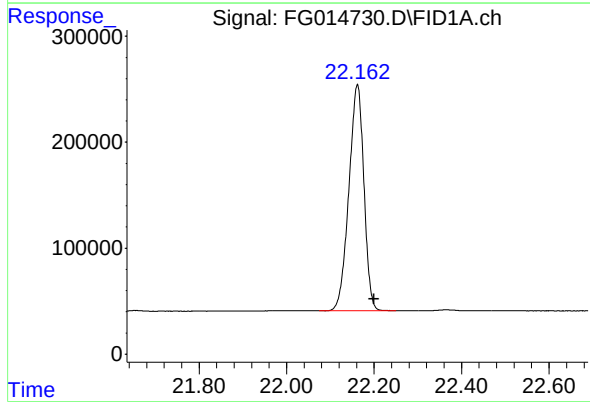
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.029 min
Response: 5108699
Conc: 61.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: -0.038 min
Response: 5090373
Conc: 66.94 ug/ml