

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047402.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 14:36
 Operator : YP\AJ
 Sample : PB159908BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB159908BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/02/2024

Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e

Quant Time: Apr 02 03:03:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M

Quant Title : GC Extractables

QLast Update : Sat Mar 23 01:31:33 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)	11.987	6851145	43.749 ug/ml
Spiked Amount 50.000		Recovery =	87.50%
12) S 1-chlorooctadecane (S...	13.419	5830708	48.076 ug/ml
Spiked Amount 50.000		Recovery =	96.15%
Target Compounds			
1) T n-Nonane (C9)	3.374	5375782	36.812 ug/mlm
2) T n-Decane (C10)	4.622	5593099	37.521 ug/ml
3) T A~Naphthalene (C11.7)	6.327	5901323	38.038 ug/ml
4) T n-Dodecane (C12)	6.785	5806769	38.827 ug/ml
5) T A~2-methylnaphthalene...	7.423	5861792	39.169 ug/ml
6) T n-Tetradecane (C14)	8.615	6021297	40.824 ug/ml
7) T n-Hexadecane (C16)	10.222	6321572	41.765 ug/ml
8) T n-Octadecane (C18)	11.665	6602998	43.461 ug/ml
10) T n-Eicosane (C20)	12.974	6645755	45.677 ug/ml
11) T n-Heneicosane (C21)	13.586	6460392	45.202 ug/ml
13) T n-Docosane (C22)	14.171	6407811	45.140 ug/ml
14) T n-Tetracosane (C24)	15.266	10902920	77.339 ug/ml
15) T n-Hexacosane (C26)	16.293	6297479	45.287 ug/ml
16) T n-Octacosane (C28)	17.241	6420664	46.989 ug/ml
17) T n-Tricontane (C30)	18.128	6348368	45.723 ug/ml
18) T n-Dotriacontane (C32)	18.959	6296617	45.648 ug/ml
19) T n-Tetratriacontane (C34)	19.740	6502692	47.447 ug/ml
20) T n-Hexatriacontane (C36)	20.479	6649707	48.691 ug/ml
21) T n-Octatriacontane (C38)	21.222	6990409	50.430 ug/ml
22) T n-Tetracontane (C40)	22.153	6904917	48.198 ug/ml

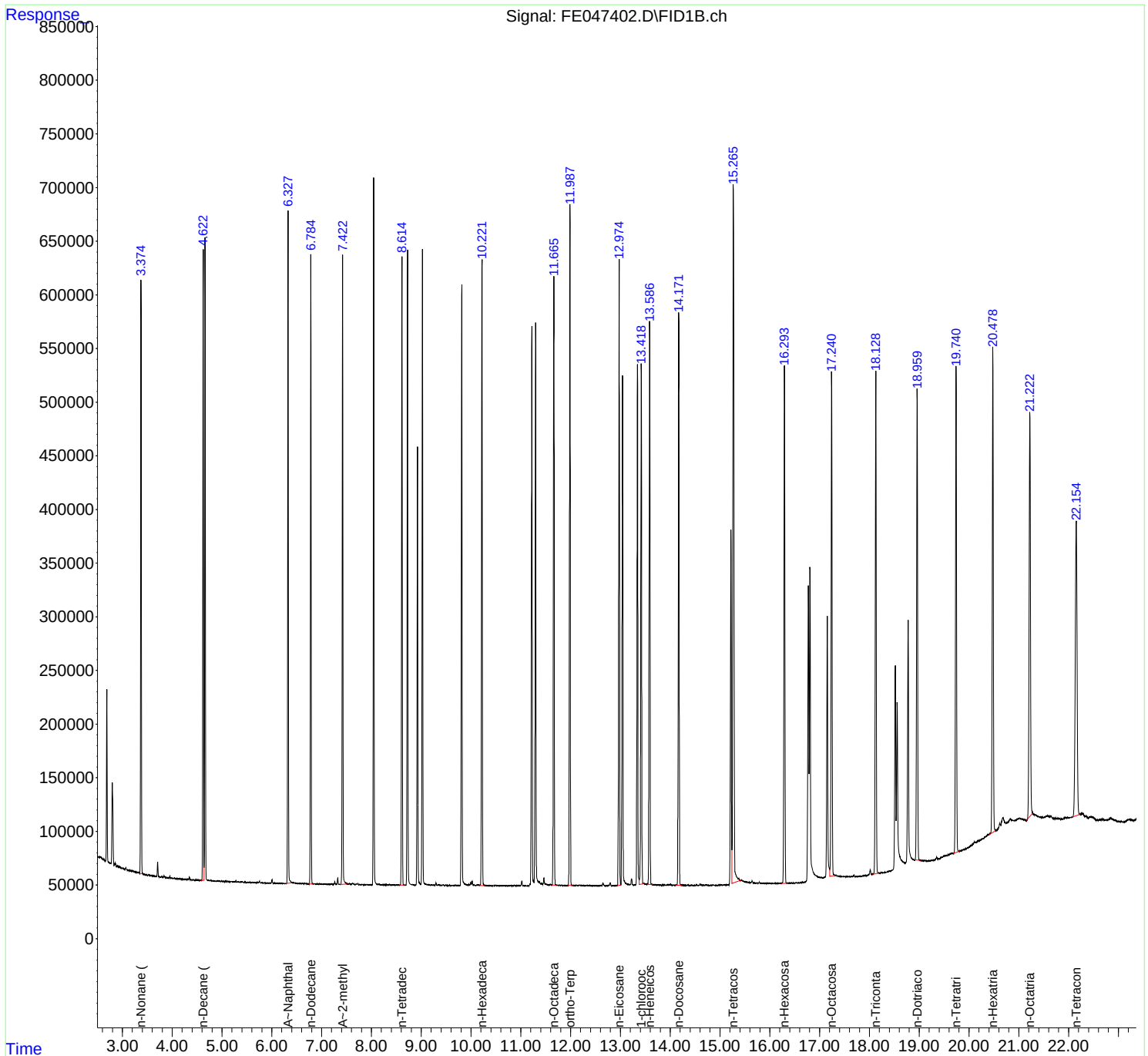
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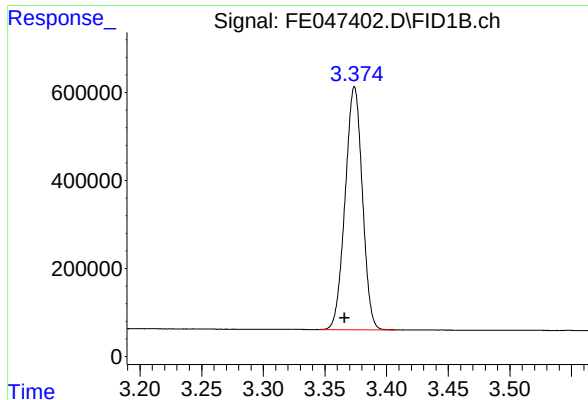
(m)=manual int.

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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: 0.008 min
Response: 5375782
Conc: 36.81 ug/ml

Instrument :

FID_E

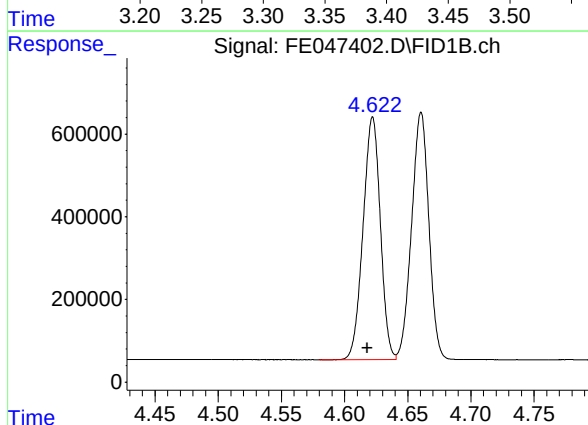
ClientSampleId :

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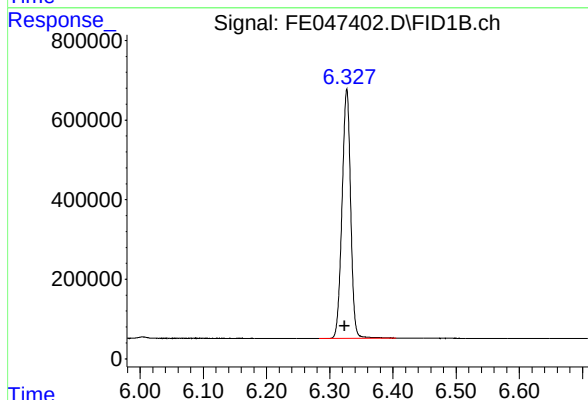
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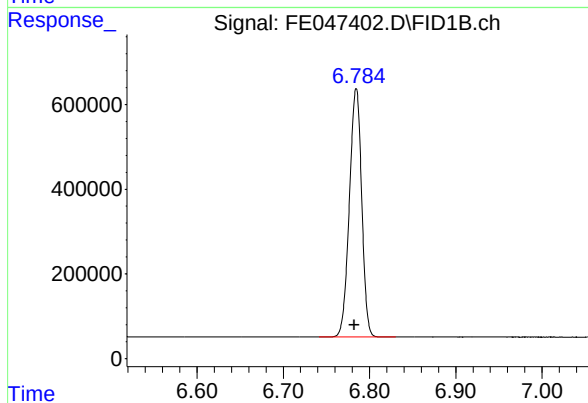
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 5593099
Conc: 37.52 ug/ml



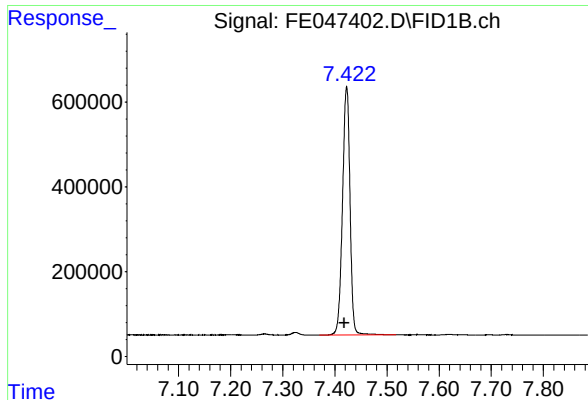
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 5901323
Conc: 38.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 5806769
Conc: 38.83 ug/ml



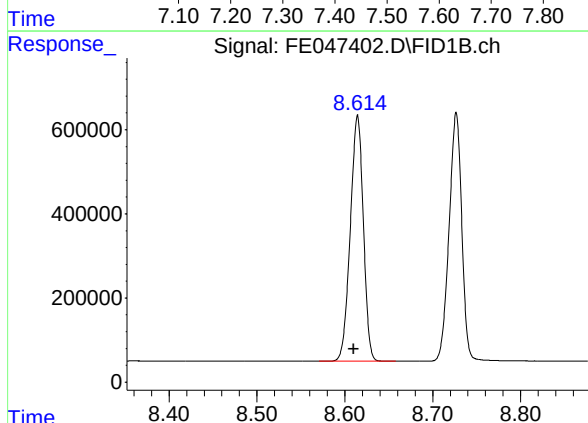
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 5861792
Conc: 39.17 ug/ml

Instrument :
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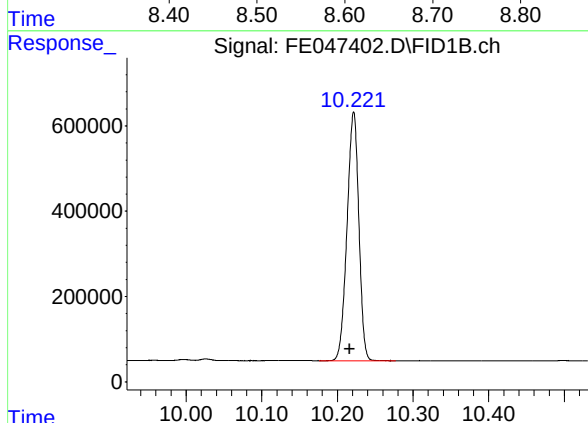
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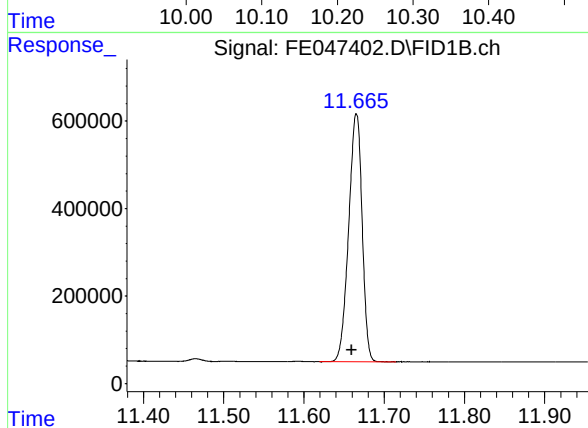
#6 n-Tetradecane (C14)

R.T.: 8.615 min
Delta R.T.: 0.004 min
Response: 6021297
Conc: 40.82 ug/ml



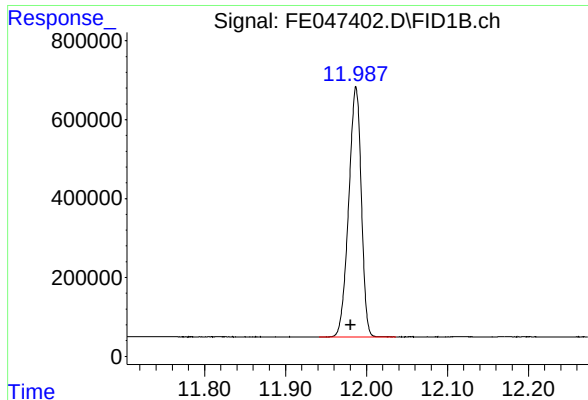
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.005 min
Response: 6321572
Conc: 41.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.006 min
Response: 6602998
Conc: 43.46 ug/ml



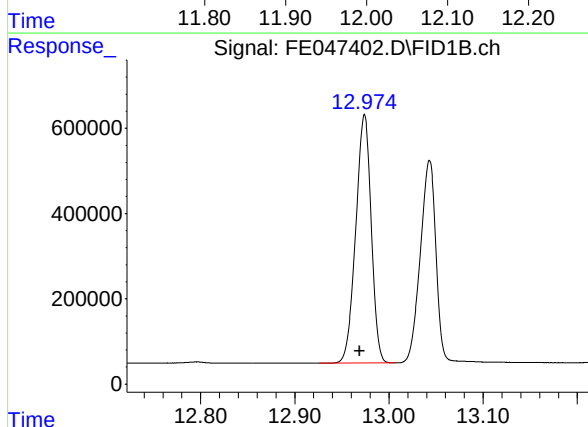
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.006 min
Response: 6851145
Conc: 43.75 ug/ml

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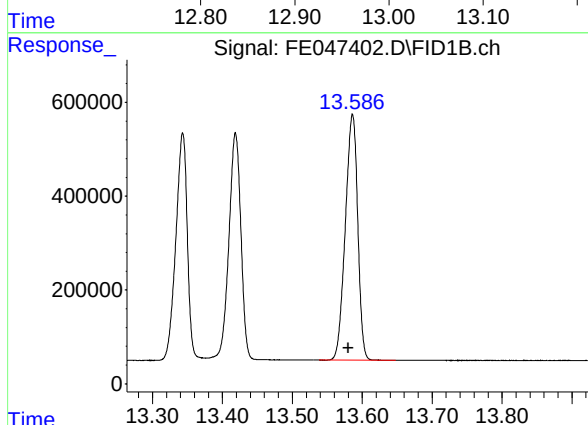
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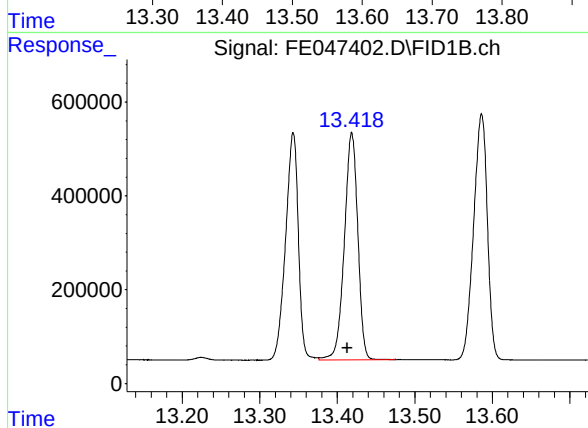
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.005 min
Response: 6645755
Conc: 45.68 ug/ml



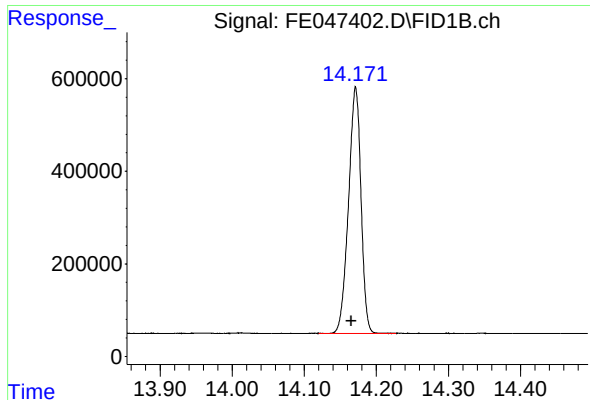
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.006 min
Response: 6460392
Conc: 45.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.006 min
Response: 5830708
Conc: 48.08 ug/ml



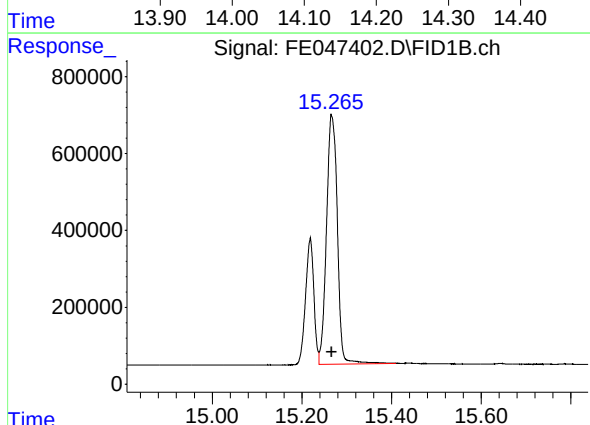
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: 0.006 min
Response: 6407811
Conc: 45.14 ug/ml

Instrument :
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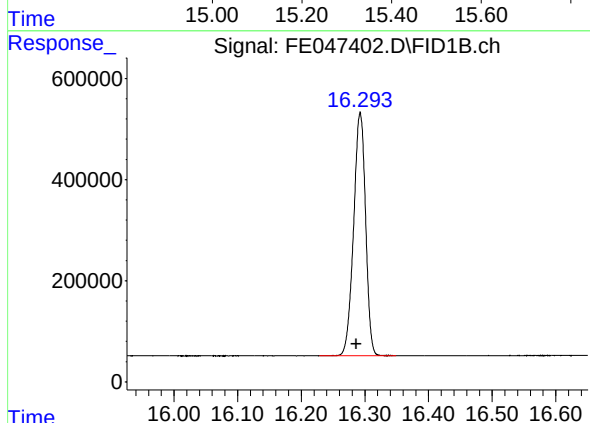
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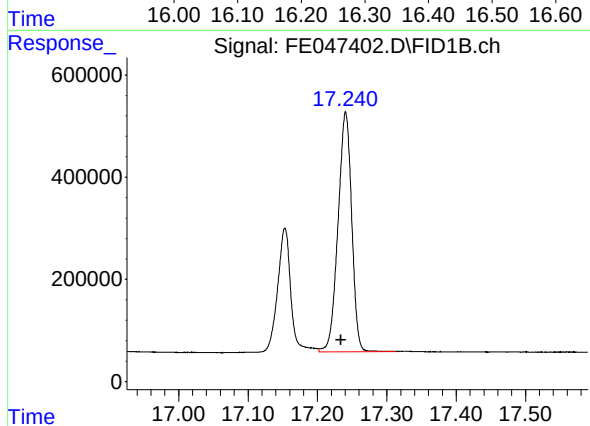
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.000 min
Response: 10902920
Conc: 77.34 ug/ml



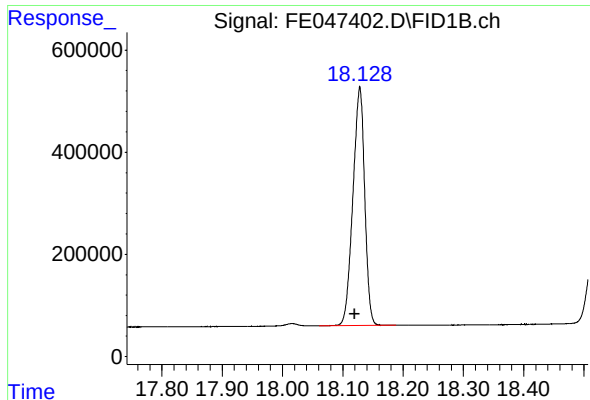
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.006 min
Response: 6297479
Conc: 45.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 6420664
Conc: 46.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.128 min
Delta R.T.: 0.009 min
Response: 6348368
Conc: 45.72 ug/ml

Instrument :

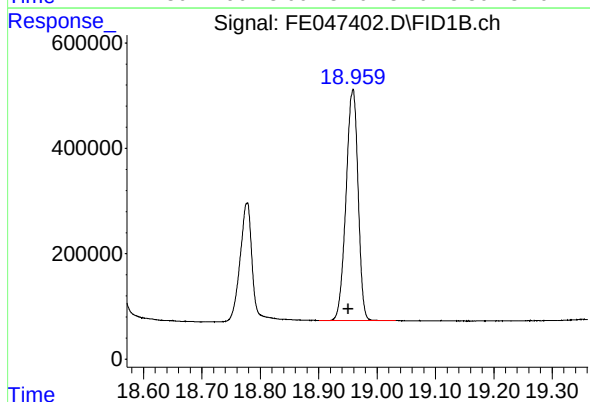
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ClientSampleId :

PB159908BSD

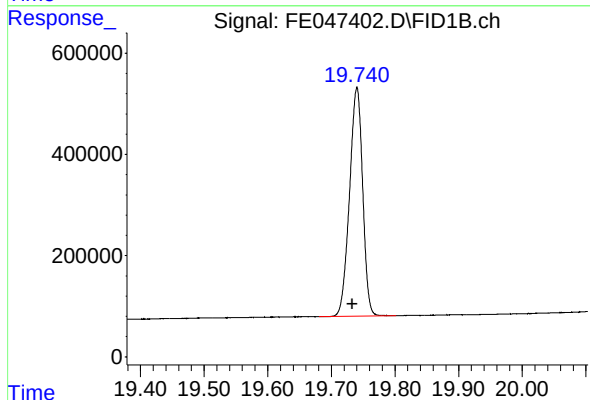
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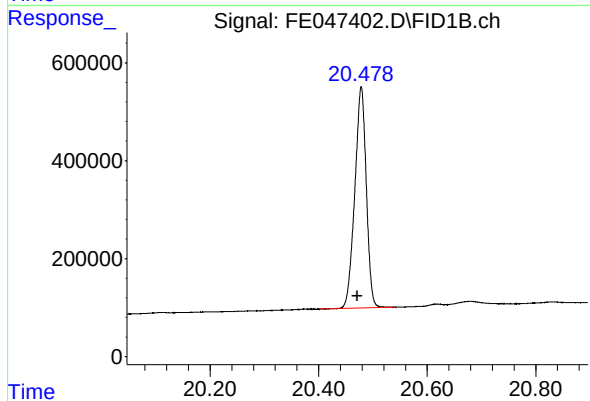
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.008 min
Response: 6296617
Conc: 45.65 ug/ml



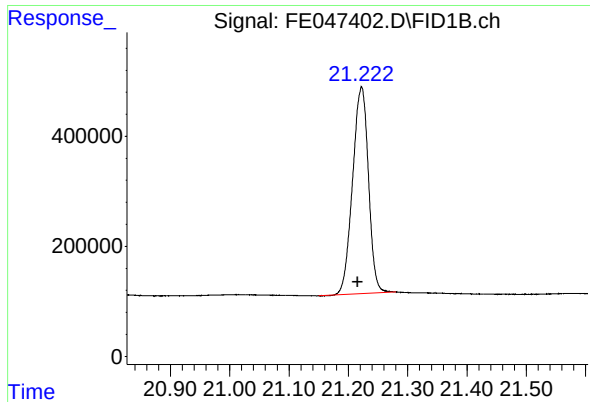
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.007 min
Response: 6502692
Conc: 47.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.007 min
Response: 6649707
Conc: 48.69 ug/ml



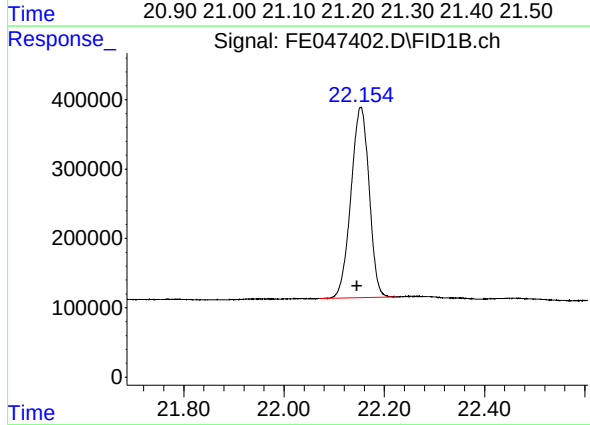
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.007 min
Response: 6990409
Conc: 50.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.008 min
Response: 6904917
Conc: 48.20 ug/ml