

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047907.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 14:59
 Operator : YP\AJ
 Sample : PB160644BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160644BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 02 02:12:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.976	6033400	41.822 ug/ml
Spiked Amount 50.000		Recovery =	83.64%
12) S 1-chlorooctadecane (S...	13.409	5022172	44.945 ug/mlm
Spiked Amount 50.000		Recovery =	89.89%
Target Compounds			
1) T n-Nonane (C9)	3.362	5594247	43.407 ug/ml
2) T n-Decane (C10)	4.611	5912053	44.906 ug/ml
3) T A~Naphthalene (C11.7)	6.316	6091268	44.113 ug/ml
4) T n-Dodecane (C12)	6.774	6100036	45.758 ug/ml
5) T A~2-methylnaphthalene...	7.412	6023684	45.265 ug/ml
6) T n-Tetradecane (C14)	8.604	6143537	46.359 ug/ml
7) T n-Hexadecane (C16)	10.211	6098773	44.344 ug/ml
8) T n-Octadecane (C18)	11.655	6209587	44.578 ug/ml
10) T n-Eicosane (C20)	12.965	6232957	46.292 ug/ml
11) T n-Heneicosane (C21)	13.576	6055547	45.746 ug/ml
13) T n-Docosane (C22)	14.162	6001234	45.285 ug/ml
14) T n-Tetracosane (C24)	15.259	10405866	78.149 ug/ml
15) T n-Hexacosane (C26)	16.286	5875634	44.031 ug/ml
16) T n-Octacosane (C28)	17.235	6004822	45.099 ug/ml
17) T n-Tricontane (C30)	18.122	5928405	42.955 ug/ml
18) T n-Dotriacontane (C32)	18.954	5927252	42.912 ug/ml
19) T n-Tetratriacontane (C34)	19.738	6087165	44.686 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6114614	45.160 ug/ml
21) T n-Octatriacontane (C38)	21.220	6161806	44.629 ug/ml
22) T n-Tetracontane (C40)	22.149	6018194	43.196 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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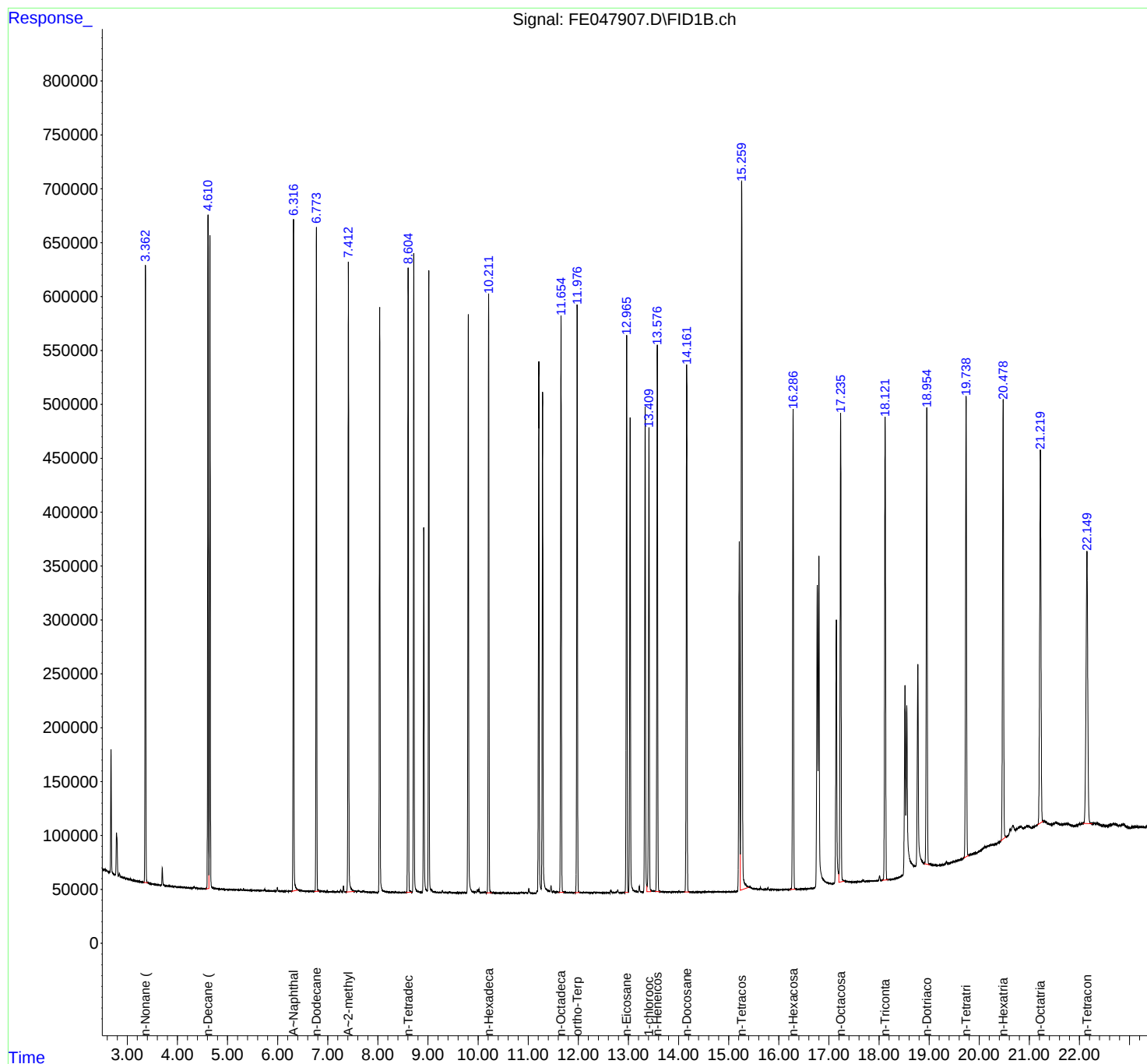
Instrument :
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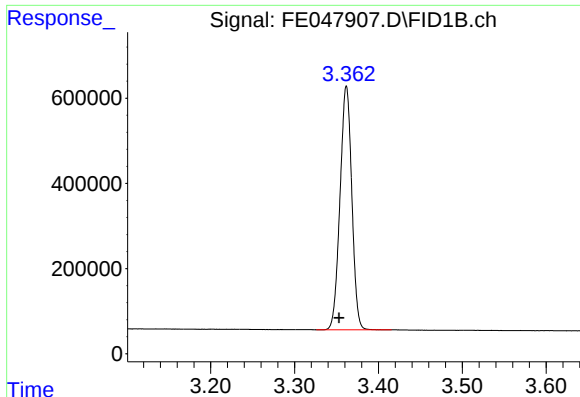
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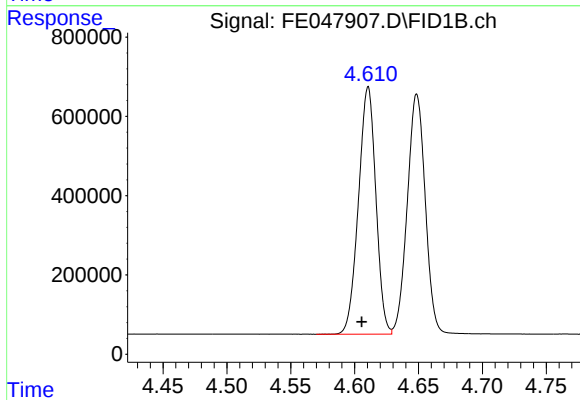
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: 0.009 min
Response: 5594247
Conc: 43.41 ug/ml

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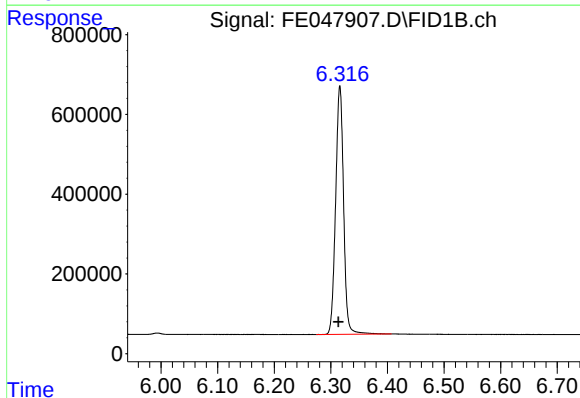
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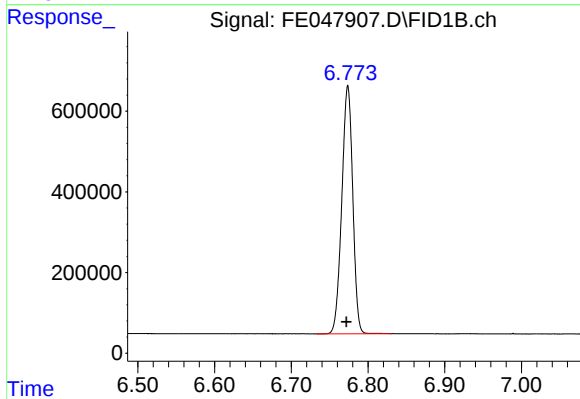
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 5912053
Conc: 44.91 ug/ml



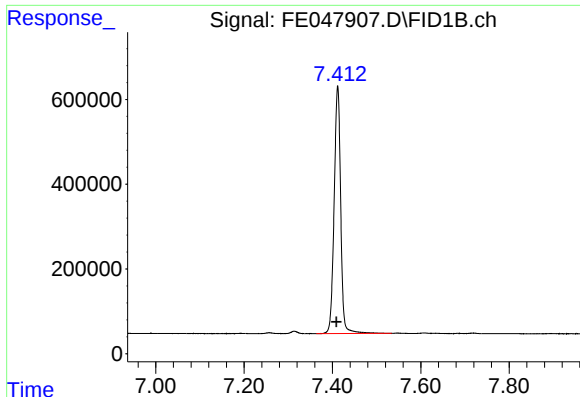
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 6091268
Conc: 44.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 6100036
Conc: 45.76 ug/ml



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

R.T.: 7.412 min
Delta R.T.: 0.003 min
Response: 6023684
Conc: 45.27 ug/ml

Instrument :

FID_E

ClientSampleId :

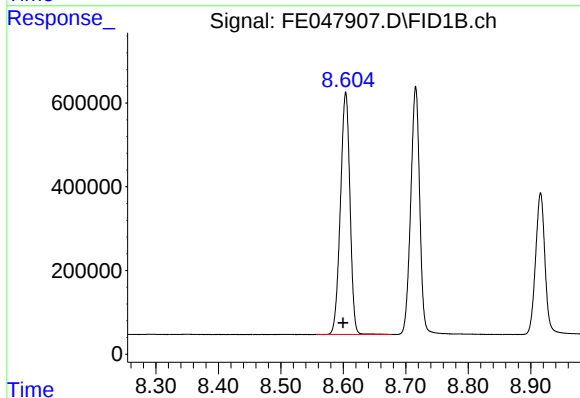
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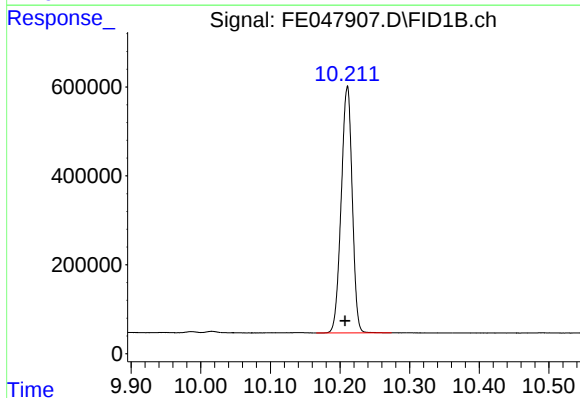
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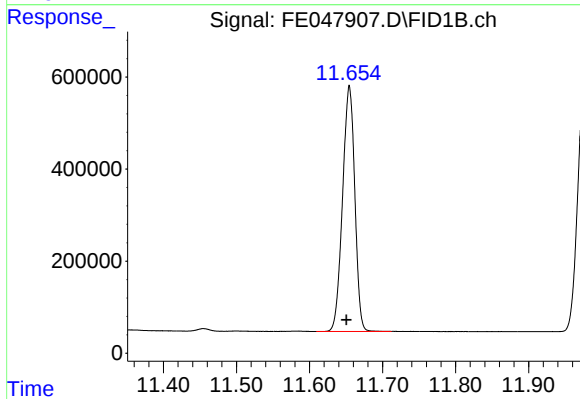
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 6143537
Conc: 46.36 ug/ml



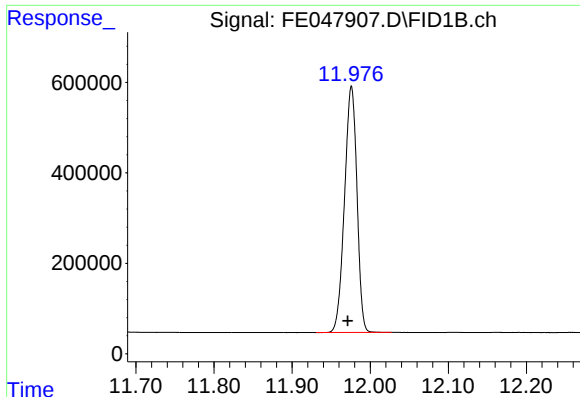
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 6098773
Conc: 44.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.004 min
Response: 6209587
Conc: 44.58 ug/ml



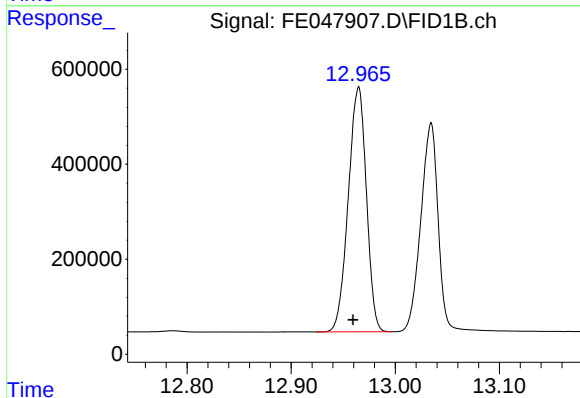
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.005 min
Response: 6033400
Conc: 41.82 ug/ml

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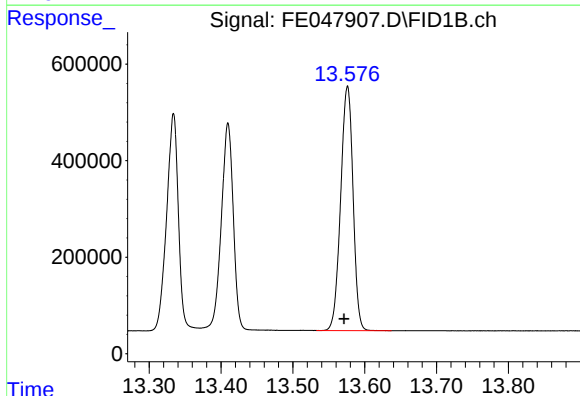
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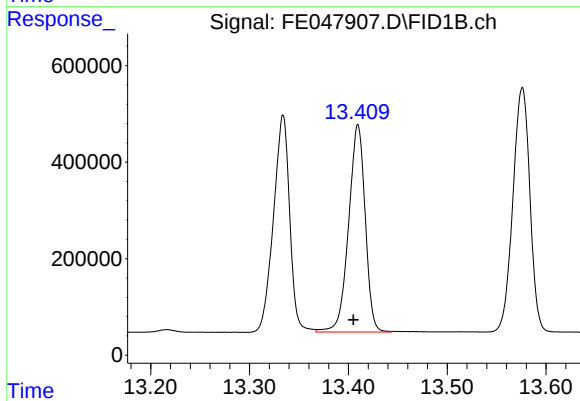
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.005 min
Response: 6232957
Conc: 46.29 ug/ml



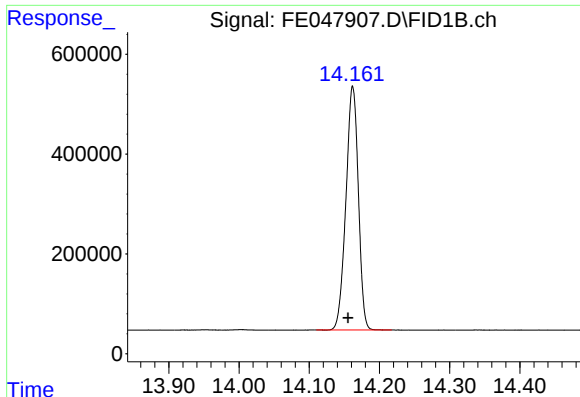
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 6055547
Conc: 45.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.004 min
Response: 5022172
Conc: 44.94 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.006 min
Response: 6001234
Conc: 45.29 ug/ml

Instrument :

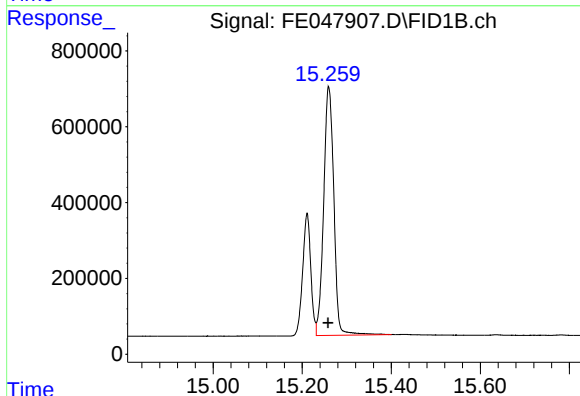
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ClientSampleId :

PB160644BSD

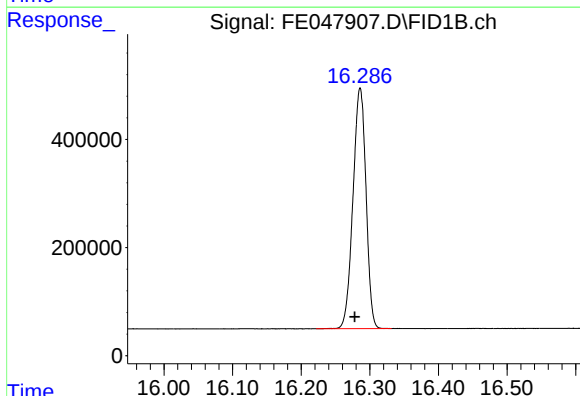
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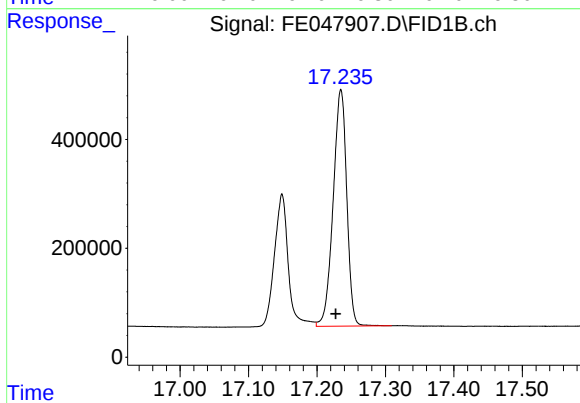
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.002 min
Response: 10405866
Conc: 78.15 ug/ml



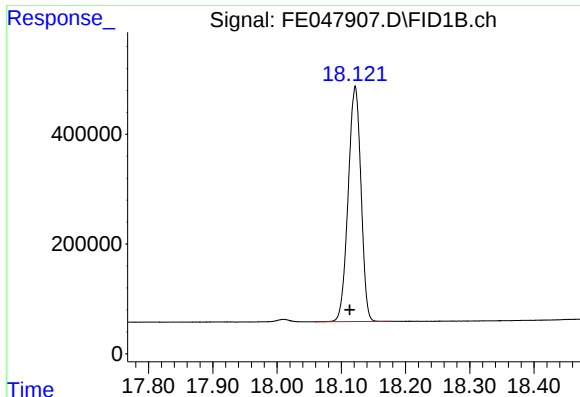
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 5875634
Conc: 44.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.008 min
Response: 6004822
Conc: 45.10 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.008 min
Response: 5928405
Conc: 42.96 ug/ml

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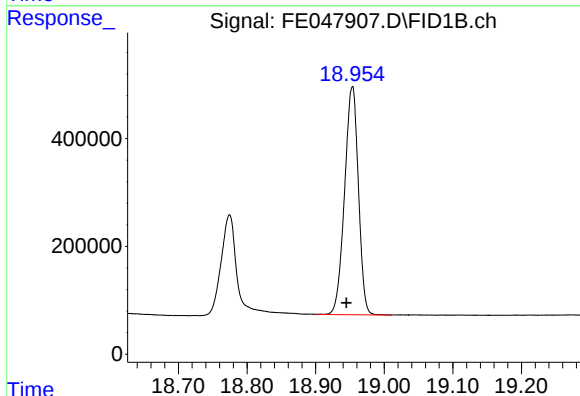
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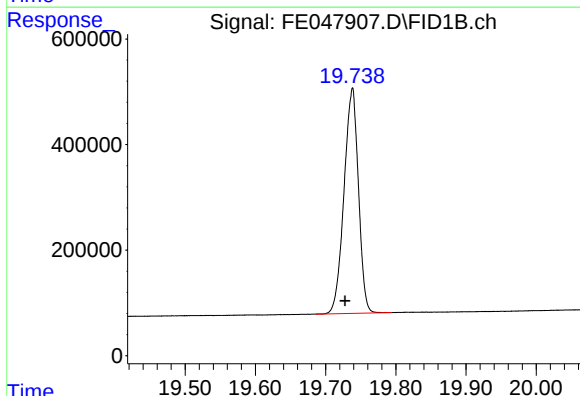
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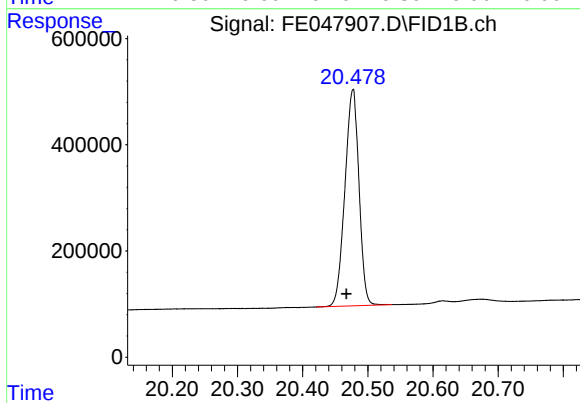
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.009 min
Response: 5927252
Conc: 42.91 ug/ml



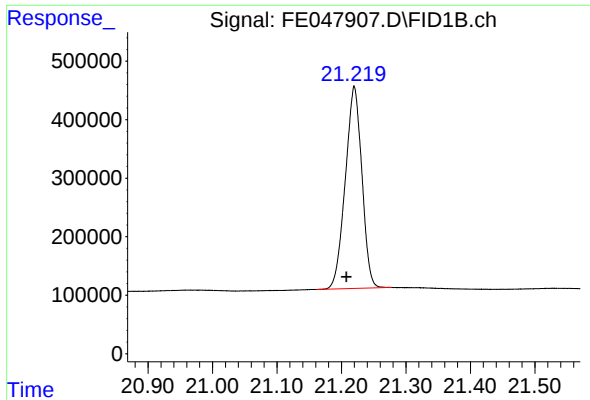
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.011 min
Response: 6087165
Conc: 44.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 6114614
Conc: 45.16 ug/ml



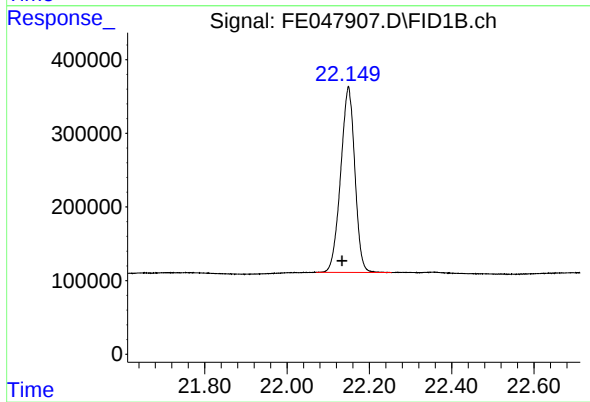
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.012 min
Response: 6161806
Conc: 44.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.015 min
Response: 6018194
Conc: 43.20 ug/ml