

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049649.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 17:54
 Operator : YP\AJ
 Sample : P3634-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-08152024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 23:42:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.891	5299731	32.773 ug/ml
Spiked Amount 50.000		Recovery =	65.55%
12) S 1-chlorooctadecane (S...	13.326	4298690	35.233 ug/ml
Spiked Amount 50.000		Recovery =	70.47%
Target Compounds			
1) T n-Nonane (C9)	3.279	3962522	25.605 ug/ml
2) T n-Decane (C10)	4.530	4404274	27.894 ug/ml
3) T A~Naphthalene (C11.7)	6.236	4751496	29.613 ug/ml
4) T n-Dodecane (C12)	6.697	4899468	31.165 ug/ml
5) T A~2-methylnaphthalene...	7.332	4952399	33.070 ug/ml
6) T n-Tetradecane (C14)	8.526	5547489	35.934 ug/ml
7) T n-Hexadecane (C16)	10.131	5804104	37.163 ug/ml
8) T n-Octadecane (C18)	11.574	5910585	37.634 ug/ml
10) T n-Eicosane (C20)	12.882	5904523	39.546 ug/mlm
11) T n-Heneicosane (C21)	13.494	5809247	39.600 ug/ml
13) T n-Docosane (C22)	14.078	5660247	38.835 ug/mlm
14) T n-Tetracosane (C24)	15.176	10348102	71.138 ug/ml
15) T n-Hexacosane (C26)	16.202	5504584	38.140 ug/ml
16) T n-Octacosane (C28)	17.152	5917211	41.081 ug/ml
17) T n-Tricontane (C30)	18.039	5831874	38.956 ug/ml
18) T n-Dotriacontane (C32)	18.871	5932867	39.217 ug/ml
19) T n-Tetratriacontane (C34)	19.654	6204801	40.586 ug/ml
20) T n-Hexatriacontane (C36)	20.394	6139091	40.428 ug/ml
21) T n-Octatriacontane (C38)	21.124	6496857	41.394 ug/ml
22) T n-Tetracontane (C40)	22.024	6324521	41.424 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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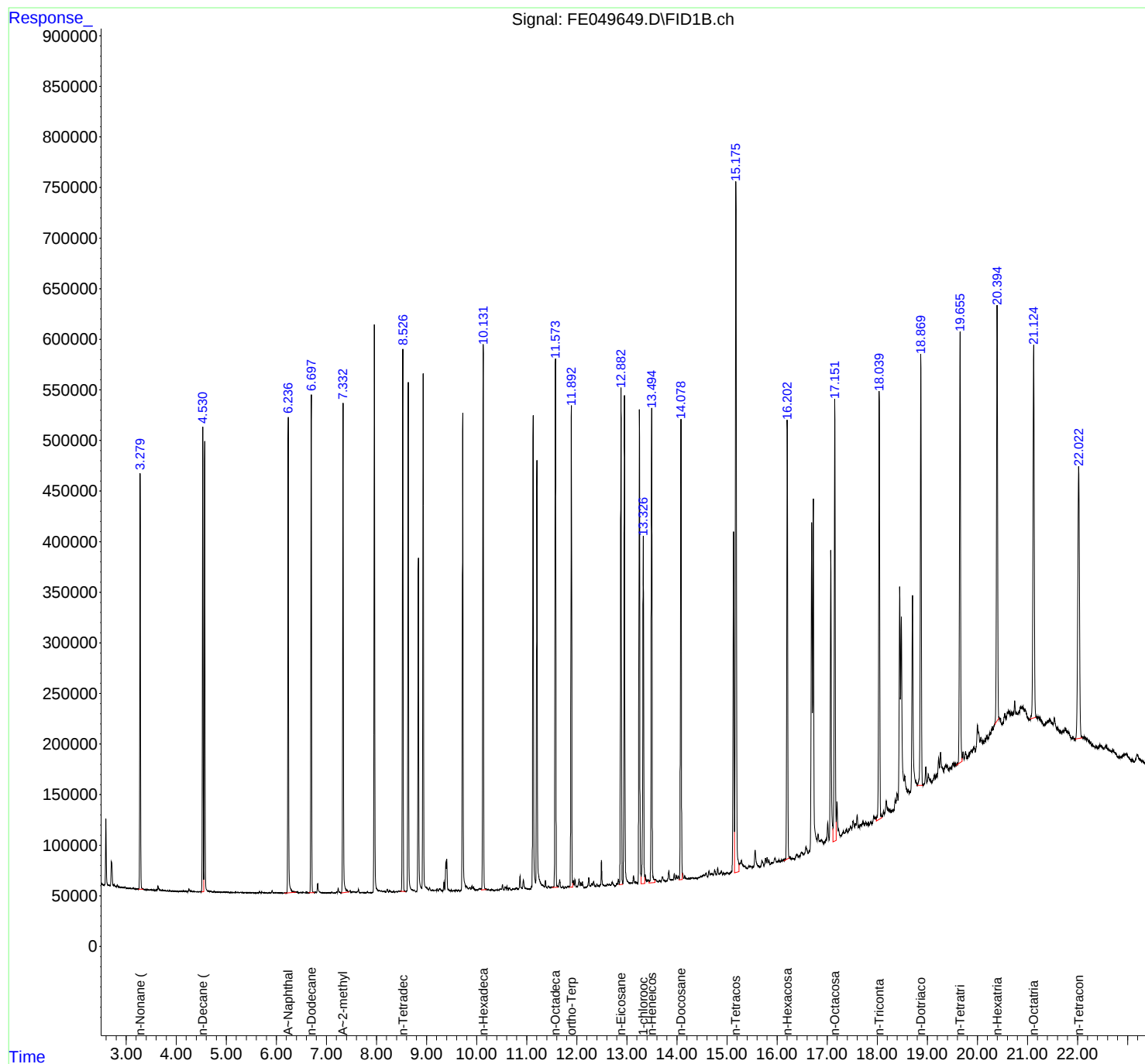
Instrument :
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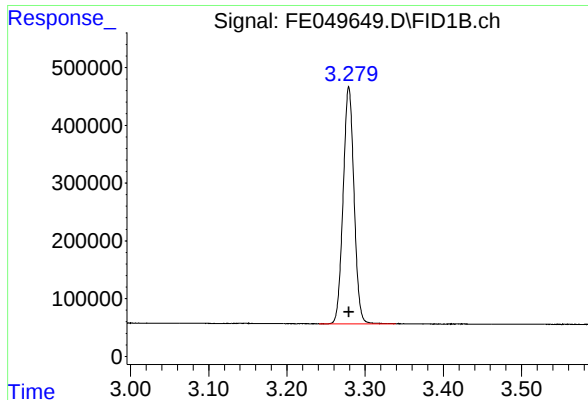
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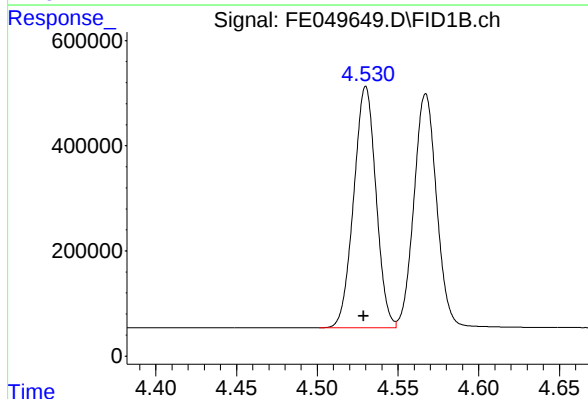
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 3962522
Conc: 25.61 ug/ml

Instrument : FID_E
ClientSampleId : TR-06-08152024MSD

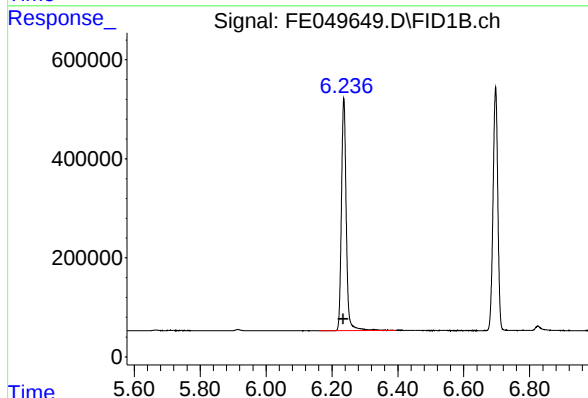
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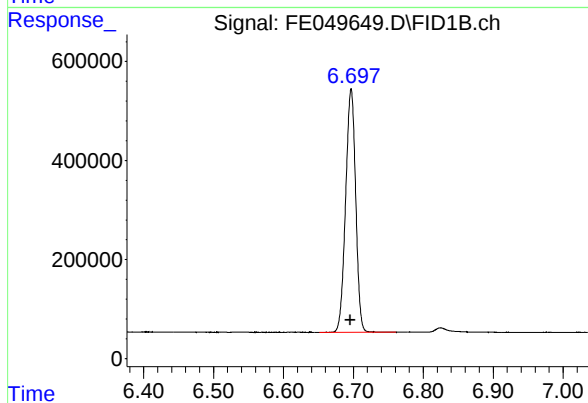
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.001 min
Response: 4404274
Conc: 27.89 ug/ml



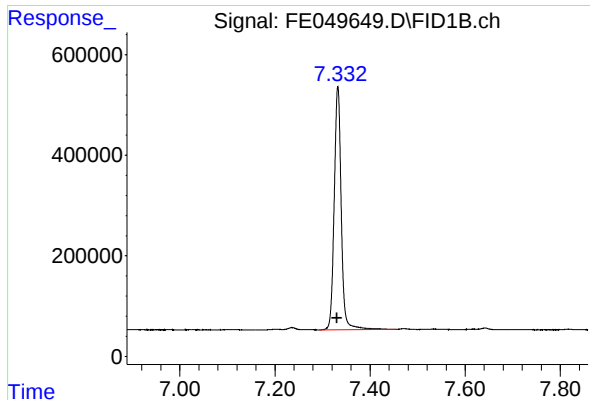
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.001 min
Response: 4751496
Conc: 29.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 4899468
Conc: 31.17 ug/ml



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

R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 4952399
Conc: 33.07 ug/ml

Instrument :

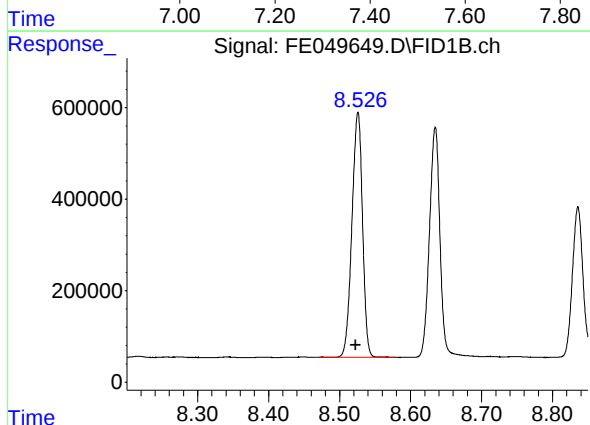
FID_E

ClientSampleId :

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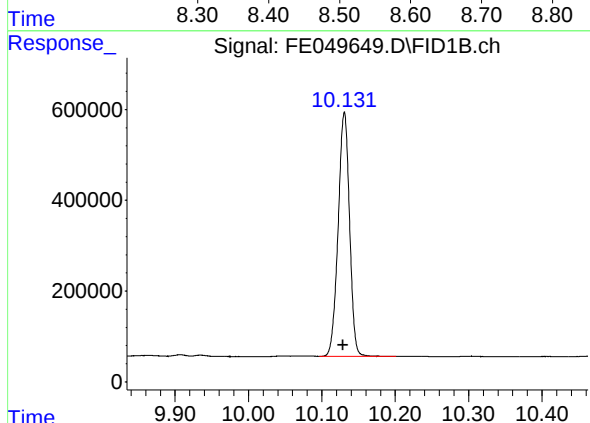
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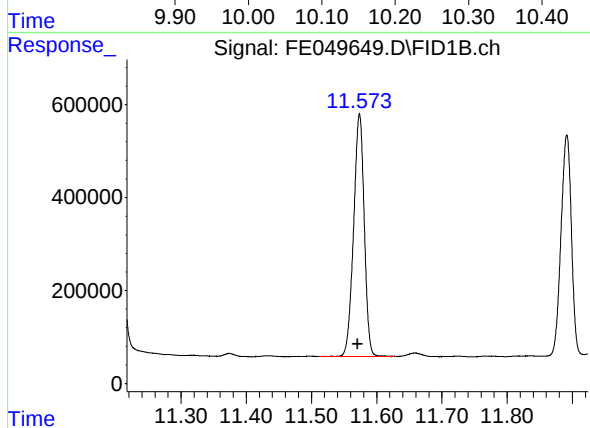
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.003 min
Response: 5547489
Conc: 35.93 ug/ml



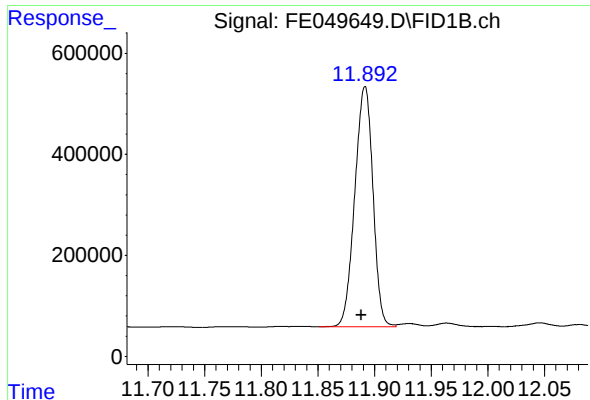
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.002 min
Response: 5804104
Conc: 37.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: 0.003 min
Response: 5910585
Conc: 37.63 ug/ml



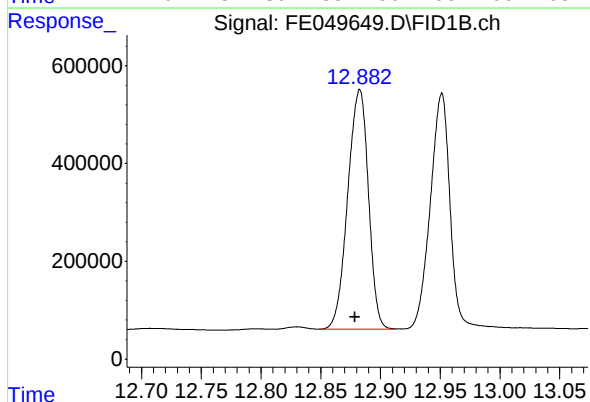
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: 0.003 min
Response: 5299731
Conc: 32.77 ug/ml

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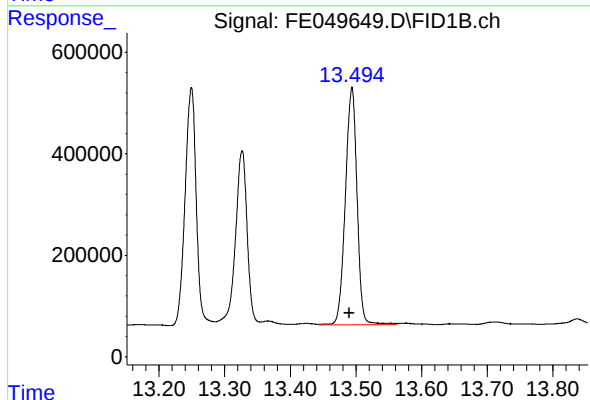
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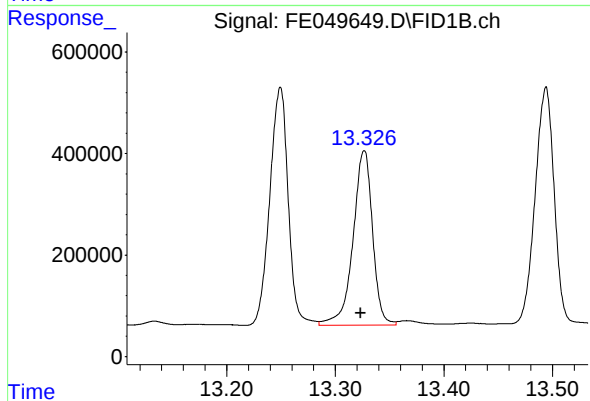
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.004 min
Response: 5904523
Conc: 39.55 ug/ml m



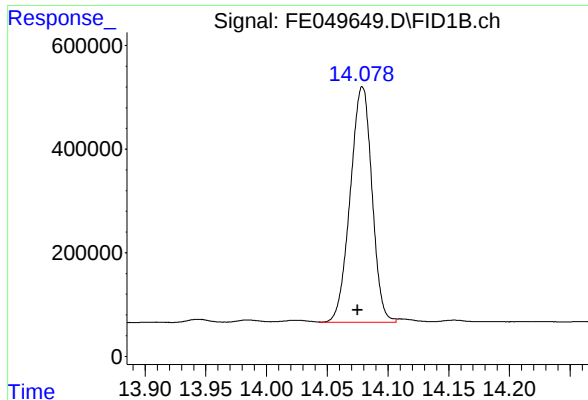
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: 0.004 min
Response: 5809247
Conc: 39.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: 0.003 min
Response: 4298690
Conc: 35.23 ug/ml



#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.003 min
Response: 5660247
Conc: 38.83 ug/ml

Instrument :

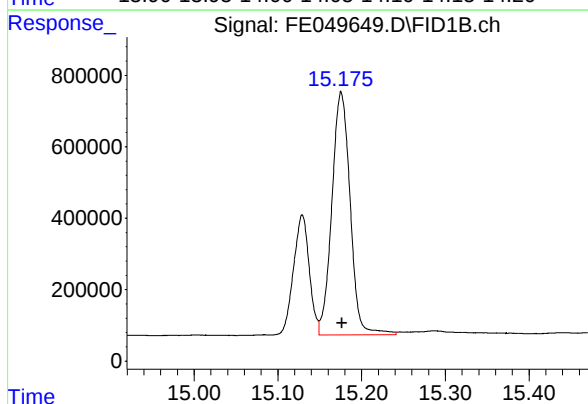
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ClientSampleId :

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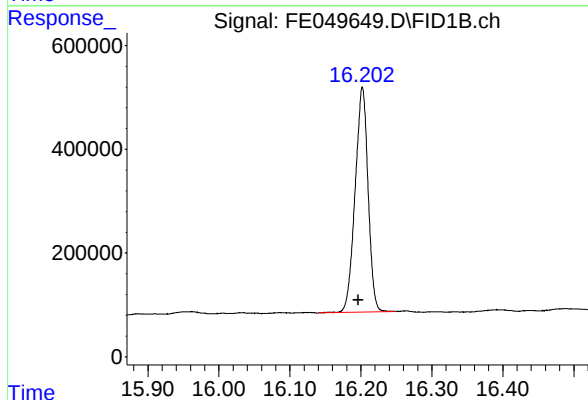
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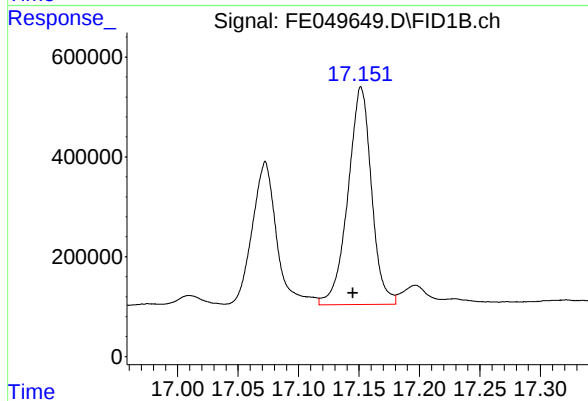
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.001 min
Response: 10348102
Conc: 71.14 ug/ml



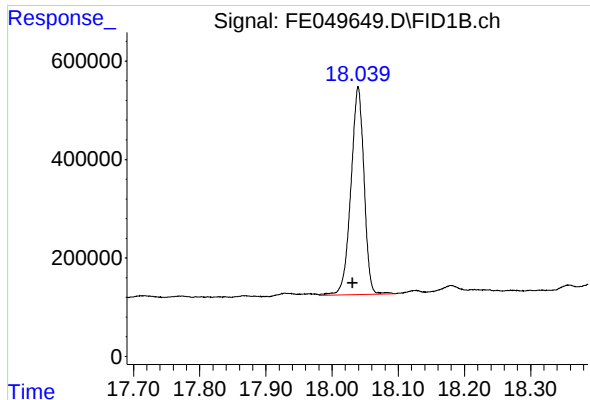
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: 0.006 min
Response: 5504584
Conc: 38.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.007 min
Response: 5917211
Conc: 41.08 ug/ml



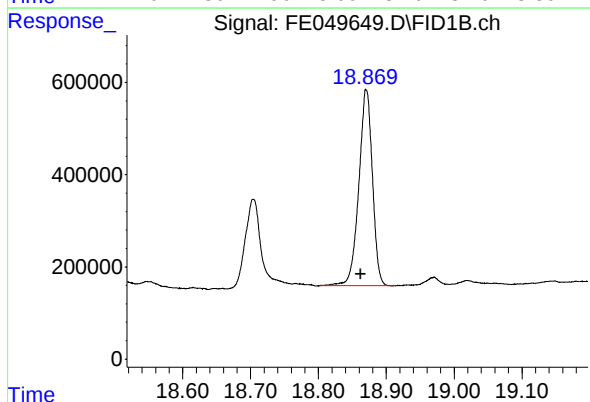
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: 0.008 min
Response: 5831874
Conc: 38.96 ug/ml

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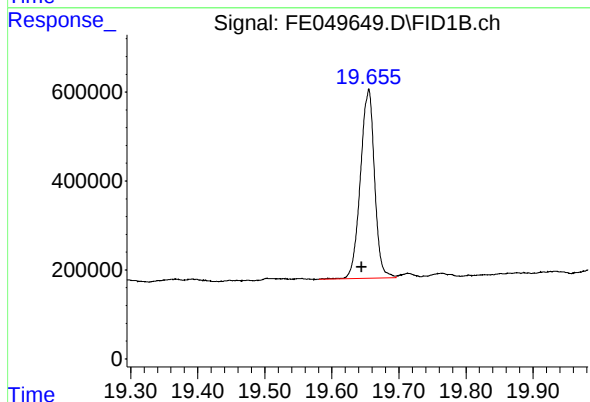
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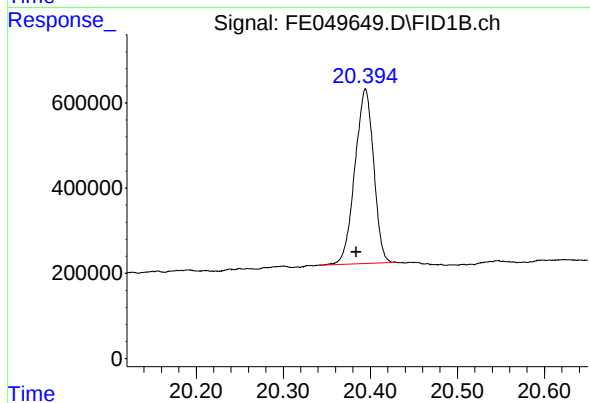
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.008 min
Response: 5932867
Conc: 39.22 ug/ml



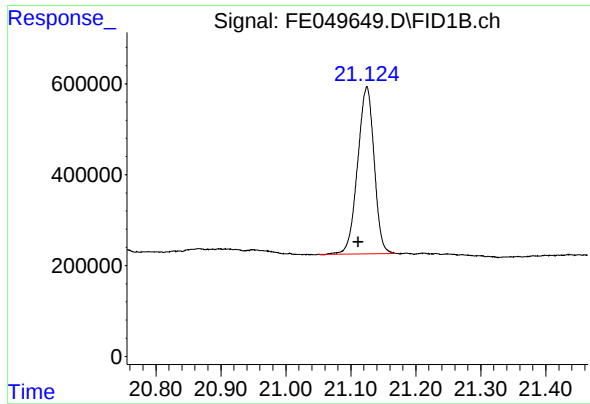
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.010 min
Response: 6204801
Conc: 40.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 6139091
Conc: 40.43 ug/ml



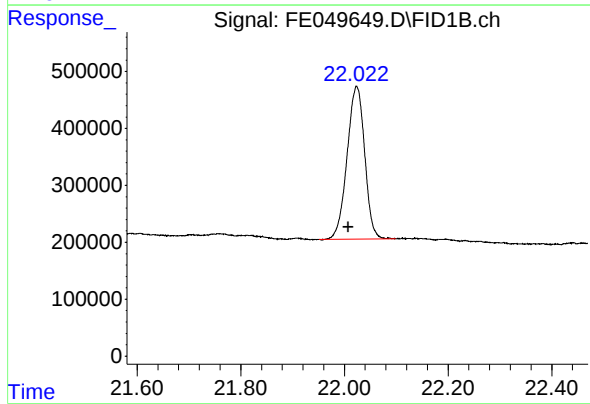
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.013 min
Response: 6496857
Conc: 41.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: 0.016 min
Response: 6324521
Conc: 41.42 ug/ml