

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031422AL\
 Data File : FE035321.D
 Signal(s) : FID1B.CH
 Acq On : 14 Mar 2022 23:46
 Operator : YP\AJ
 Sample : N1919-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 01:49:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.374	4603772	33.240 ug/ml
Spiked Amount 50.000		Recovery =	66.48%
12) S 1-chlorooctadecane (S...	12.807	3247291	29.979 ug/ml
Spiked Amount 50.000		Recovery =	59.96%
Target Compounds			
1) T n-Nonane (C9)	3.212	7074022	61.606 ug/mlm
2) T n-Decane (C10)	4.255	7421038	65.139 ug/ml
3) T A~Naphthalene (C11.7)	5.816	8023775	63.173 ug/ml
4) T n-Dodecane (C12)	6.252	7467925	63.516 ug/ml
5) T A~2-methylnaphthalene...	6.864	7700338	60.282 ug/ml
6) T n-Tetradecane (C14)	8.039	7394358	61.960 ug/ml
7) T n-Hexadecane (C16)	9.632	7290745	59.840 ug/ml
8) T n-Octadecane (C18)	11.068	7333174	58.499 ug/ml
10) T n-Eicosane (C20)	12.371	6973061	55.145 ug/ml
11) T n-Heneicosane (C21)	12.979	6827708	53.614 ug/ml
13) T n-Docosane (C22)	13.562	6657738	52.431 ug/ml
14) T n-Tetracosane (C24)	14.660	6345957	50.105 ug/ml
15) T n-Hexacosane (C26)	15.679	6188355	49.907 ug/ml
16) T n-Octacosane (C28)	16.621	6078059	50.711 ug/ml
17) T n-Tricontane (C30)	17.509	5822003	51.402 ug/ml
18) T n-Dotriacontane (C32)	18.334	5799502	56.953 ug/ml
19) T n-Tetratriacontane (C34)	19.114	5849425	65.557 ug/ml
20) T n-Hexatriacontane (C36)	19.851	5760440	75.880 ug/ml
21) T n-Octatriacontane (C38)	20.551	5711136	86.488 ug/mlm
22) T n-Tetracontane (C40)	21.372	5719875	93.512 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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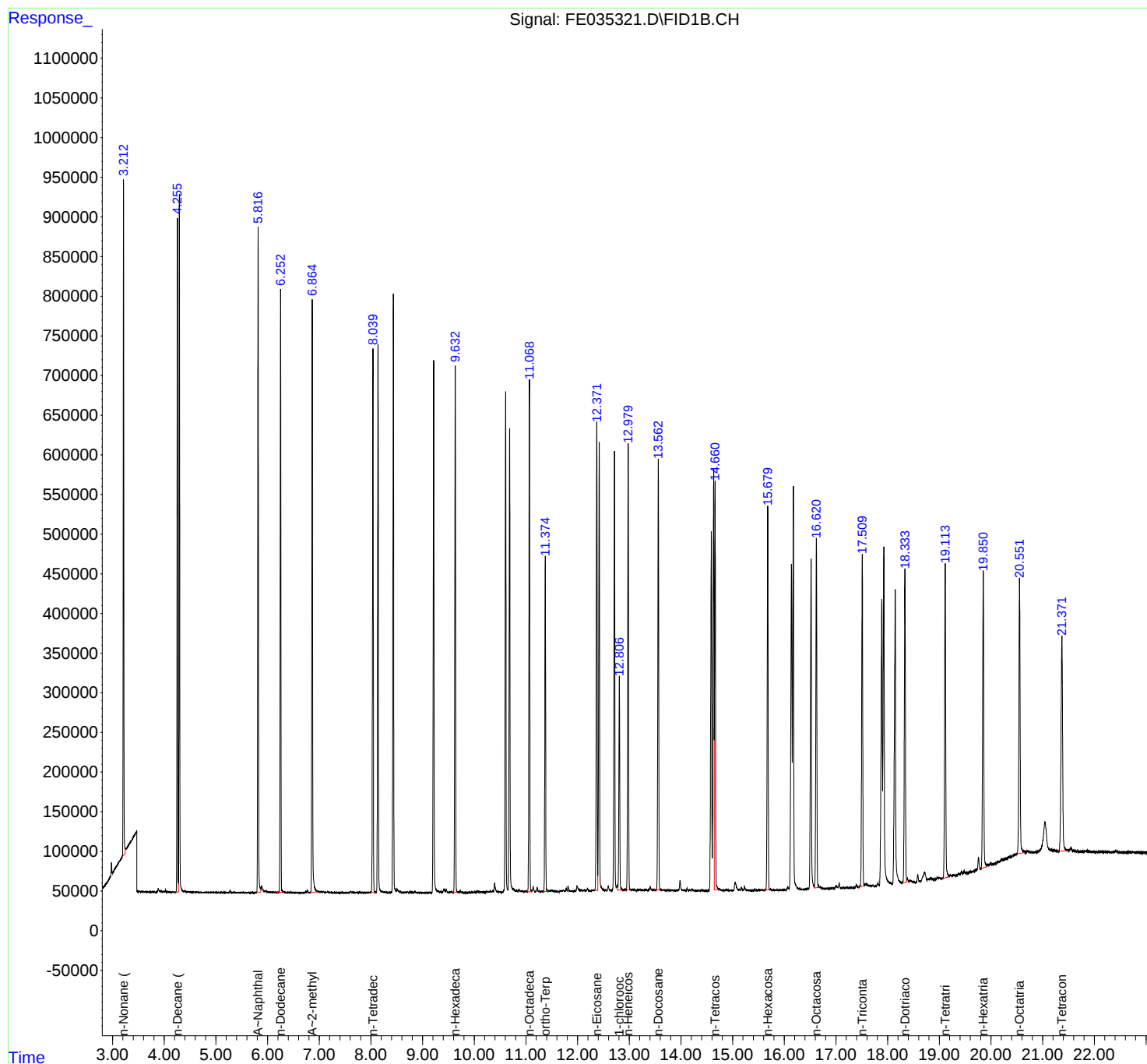
Instrument :
FID_E
ClientSampleId :
5MS

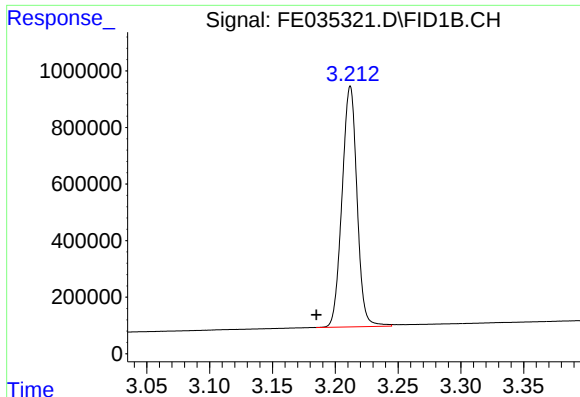
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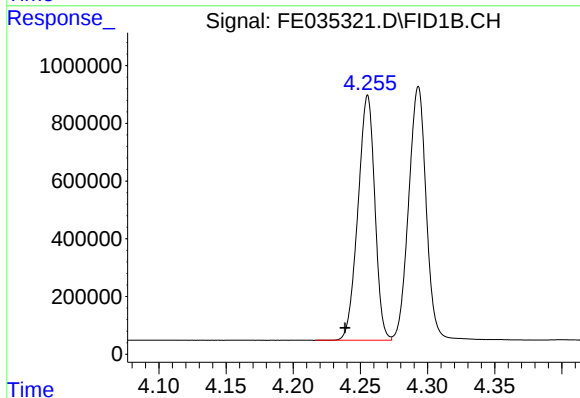
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.027 min
Response: 7074022
Conc: 61.61 ug/ml

Instrument :
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SMS

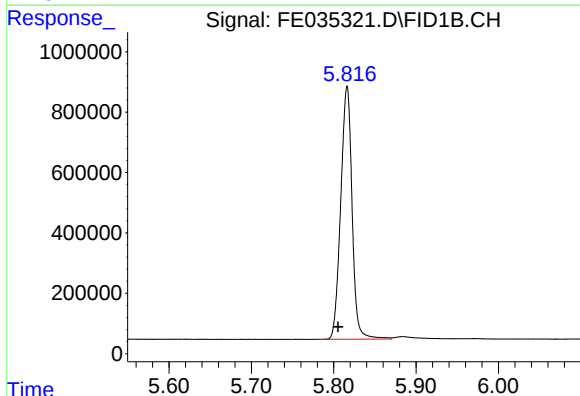
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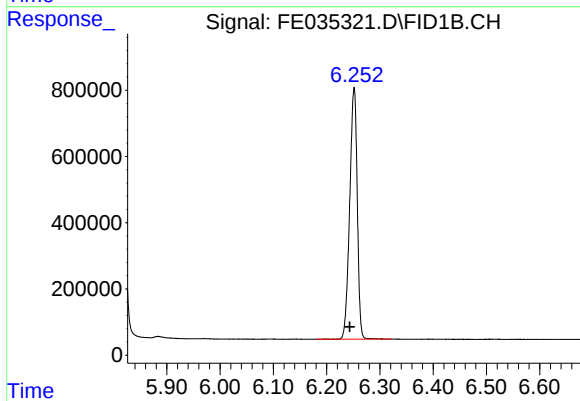
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.017 min
Response: 7421038
Conc: 65.14 ug/ml



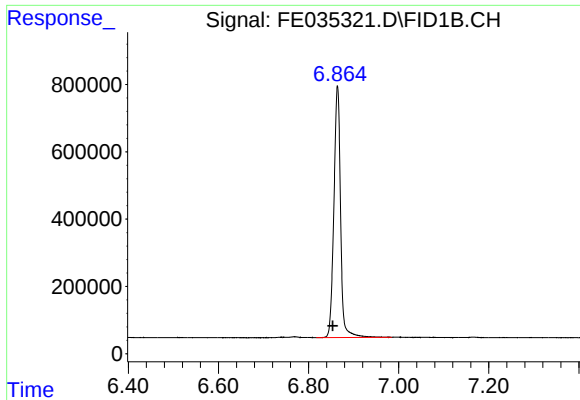
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.011 min
Response: 8023775
Conc: 63.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.252 min
Delta R.T.: 0.008 min
Response: 7467925
Conc: 63.52 ug/ml



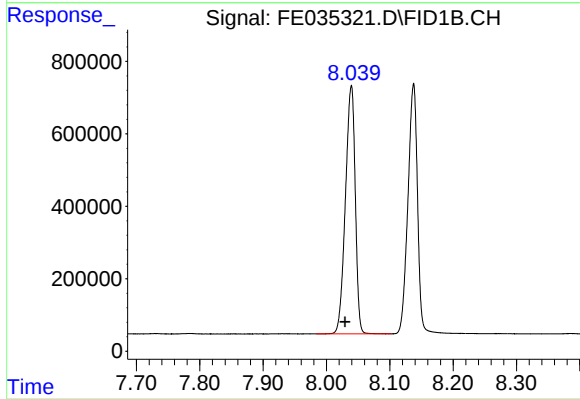
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.011 min
Response: 7700338
Conc: 60.28 ug/ml

Instrument :
FID_E
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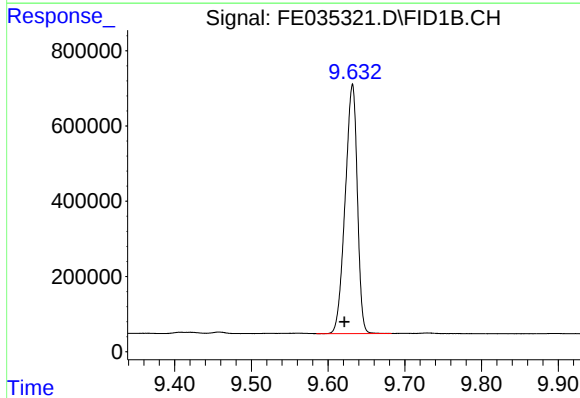
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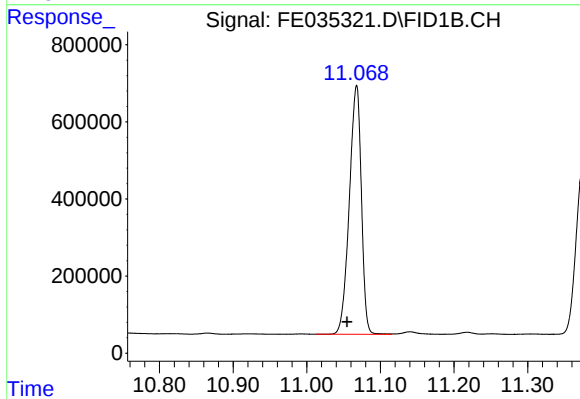
#6 n-Tetradecane (C14)

R.T.: 8.039 min
Delta R.T.: 0.010 min
Response: 7394358
Conc: 61.96 ug/ml



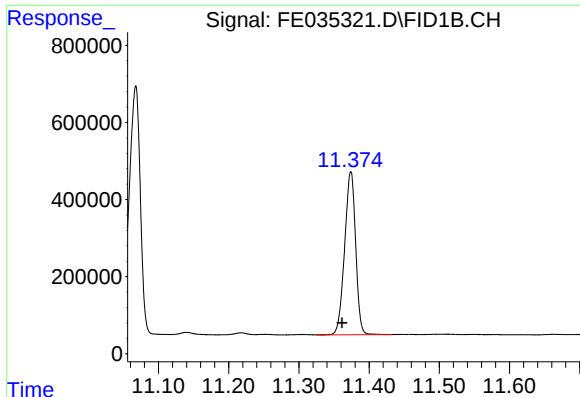
#7 n-Hexadecane (C16)

R.T.: 9.632 min
Delta R.T.: 0.010 min
Response: 7290745
Conc: 59.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.068 min
Delta R.T.: 0.013 min
Response: 7333174
Conc: 58.50 ug/ml



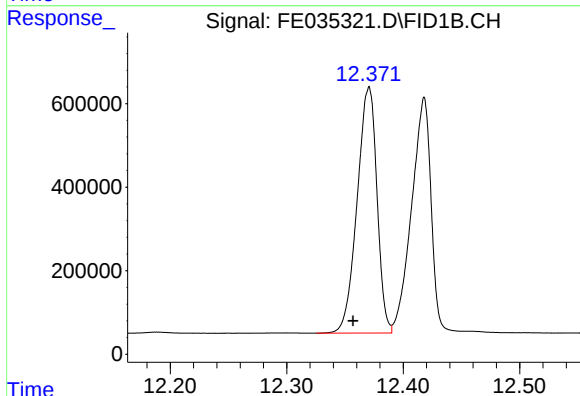
#9 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.013 min
Response: 4603772
Conc: 33.24 ug/ml

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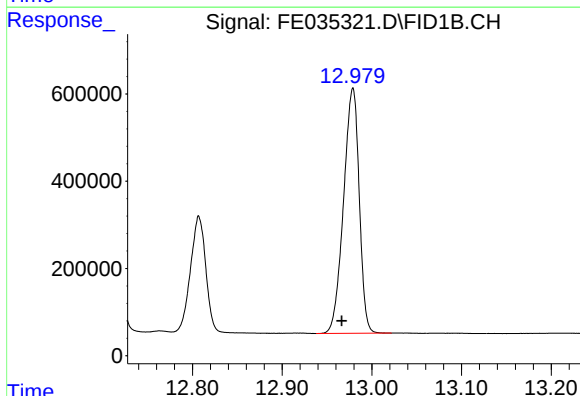
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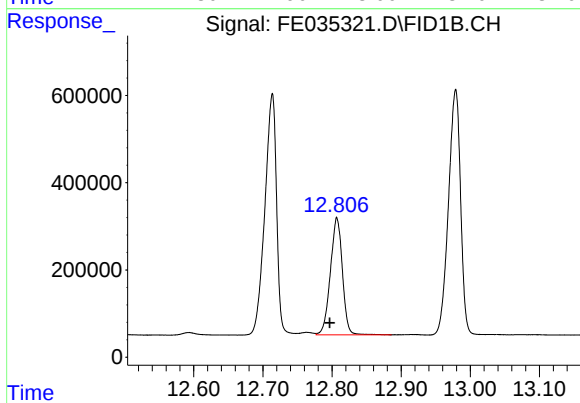
#10 n-Eicosane (C20)

R.T.: 12.371 min
Delta R.T.: 0.013 min
Response: 6973061
Conc: 55.14 ug/ml



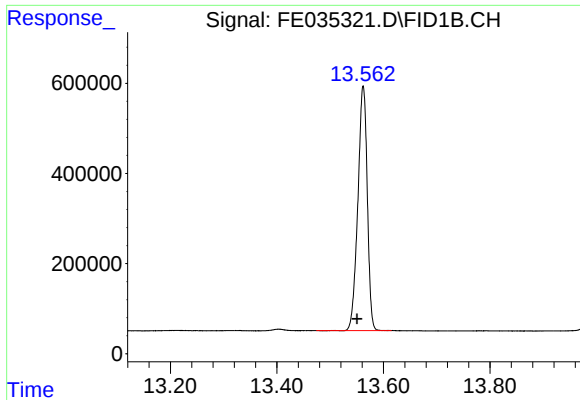
#11 n-Heneicosane (C21)

R.T.: 12.979 min
Delta R.T.: 0.012 min
Response: 6827708
Conc: 53.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.010 min
Response: 3247291
Conc: 29.98 ug/ml



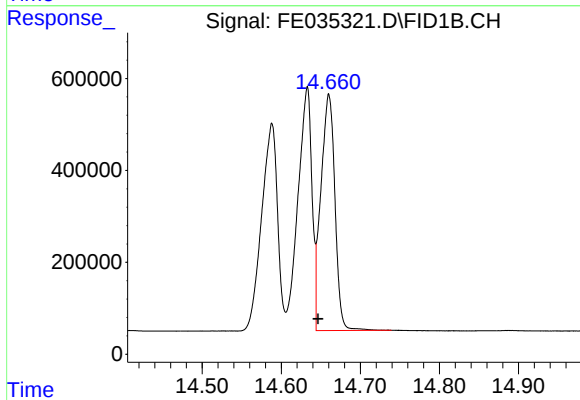
#13 n-Docosane (C22)

R.T.: 13.562 min
Delta R.T.: 0.012 min
Response: 6657738
Conc: 52.43 ug/ml

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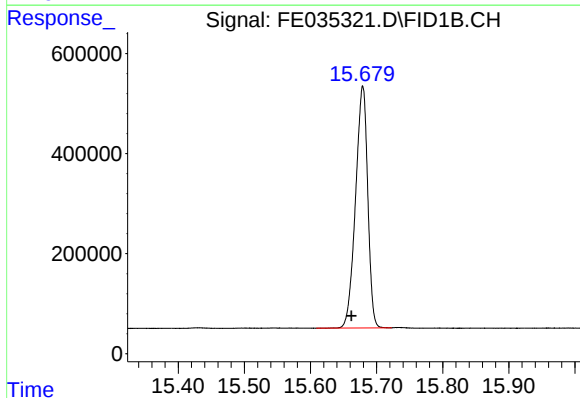
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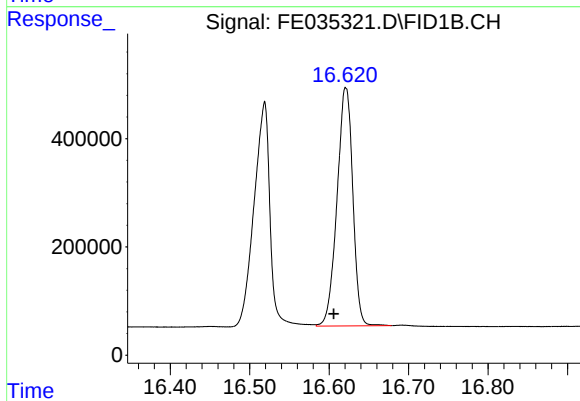
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: 0.014 min
Response: 6345957
Conc: 50.10 ug/ml



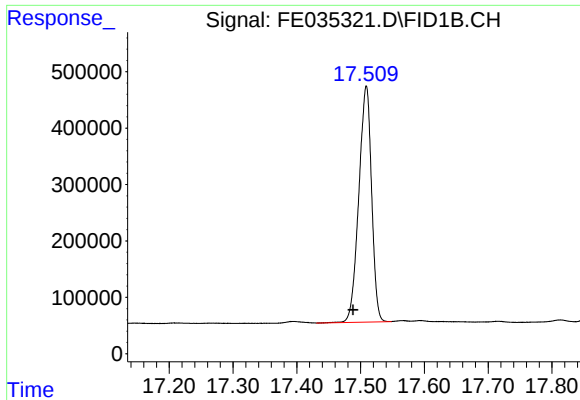
#15 n-Hexacosane (C26)

R.T.: 15.679 min
Delta R.T.: 0.017 min
Response: 6188355
Conc: 49.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.621 min
Delta R.T.: 0.015 min
Response: 6078059
Conc: 50.71 ug/ml



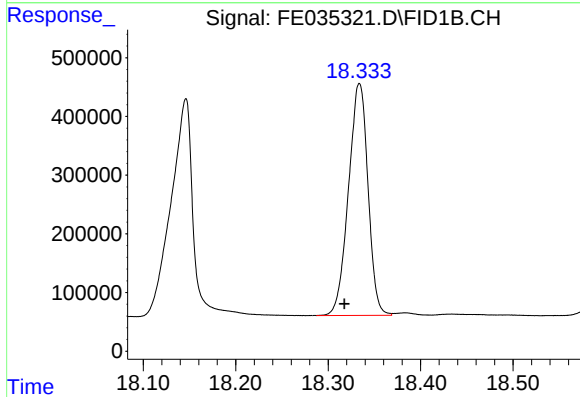
#17 n-Tricontane (C30)

R.T.: 17.509 min
Delta R.T.: 0.021 min
Response: 5822003
Conc: 51.40 ug/ml

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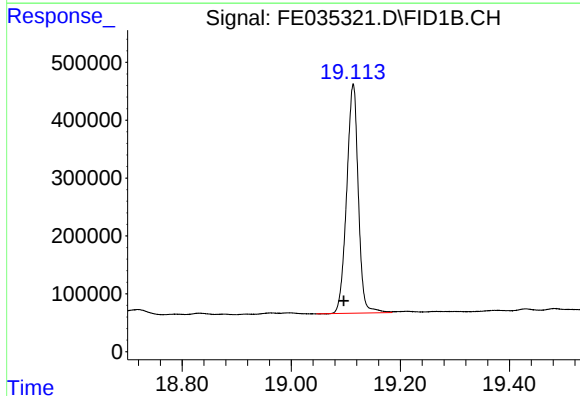
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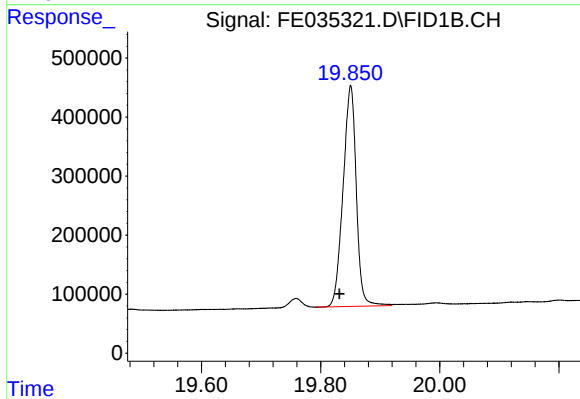
#18 n-Dotriacontane (C32)

R.T.: 18.334 min
Delta R.T.: 0.016 min
Response: 5799502
Conc: 56.95 ug/ml



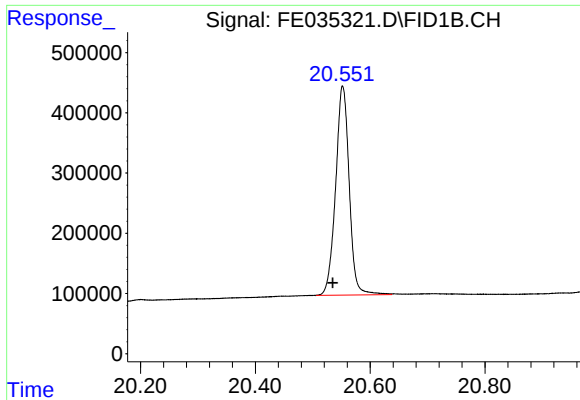
#19 n-Tetratriacontane (C34)

R.T.: 19.114 min
Delta R.T.: 0.017 min
Response: 5849425
Conc: 65.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: 0.019 min
Response: 5760440
Conc: 75.88 ug/ml



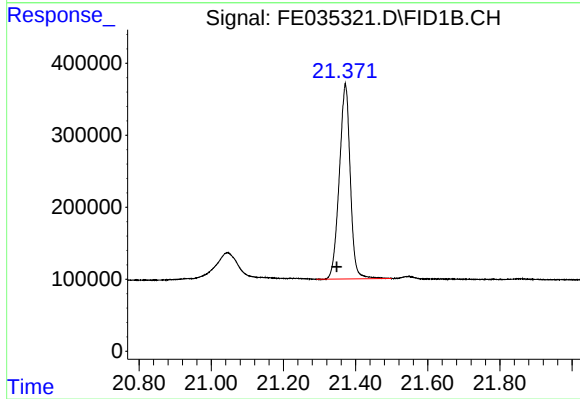
#21 n-Octatriacontane (C38)

R.T.: 20.551 min
Delta R.T.: 0.017 min
Response: 5711136
Conc: 86.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.372 min
Delta R.T.: 0.024 min
Response: 5719875
Conc: 93.51 ug/ml