

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AL\
 Data File : FD040624.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2022 20:59
 Operator : AJ\MA
 Sample : N1145-01MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 A3-1-5.5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2022
 Supervised By :Ankita Jodhani 01/17/2022

Integration File: autoint1.e
 Quant Time: Jan 14 23:09:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.617	5742123	37.241 ug/ml
Spiked Amount 50.000		Recovery =	74.48%
12) S 1-chlorooctadecane (S...	12.054	4671919	39.691 ug/ml
Spiked Amount 50.000		Recovery =	79.38%
Target Compounds			
1) T n-Nonane (C9)	2.572	4864853	37.894 ug/ml
2) T n-Decane (C10)	3.557	5630191	43.724 ug/ml
3) T A~Naphthalene (C11.7)	5.085	7422506	52.245 ug/ml
4) T n-Dodecane (C12)	5.522	6116983	47.858 ug/ml
5) T A~2-methylnaphthalene...	6.125	7541069	53.455 ug/ml
6) T n-Tetradecane (C14)	7.300	5843192	45.107 ug/ml
7) T n-Hexadecane (C16)	8.886	6231437	47.829 ug/ml
8) T n-Octadecane (C18)	10.318	6515047	48.081 ug/ml
10) T n-Eicosane (C20)	11.617	6661873	48.977 ug/mlm
11) T n-Heneicosane (C21)	12.224	6219608	44.915 ug/ml
13) T n-Docosane (C22)	12.808	6139915	44.528 ug/ml
14) T n-Tetracosane (C24)	13.903	6034278	43.156 ug/ml
15) T n-Hexacosane (C26)	14.919	5720805	41.502 ug/ml
16) T n-Octacosane (C28)	15.862	5711403	42.093 ug/ml
17) T n-Tricontane (C30)	16.747	5499405	42.193 ug/ml
18) T n-Dotriacontane (C32)	17.573	5307283	44.396 ug/ml
19) T n-Tetratriacontane (C34)	18.352	5014404	47.624 ug/mlm
20) T n-Hexatriacontane (C36)	19.088	4345735	42.886 ug/mlm
21) T n-Octatriacontane (C38)	19.788	3992261	44.684 ug/mlm
22) T n-Tetracontane (C40)	20.586	3955789	46.276 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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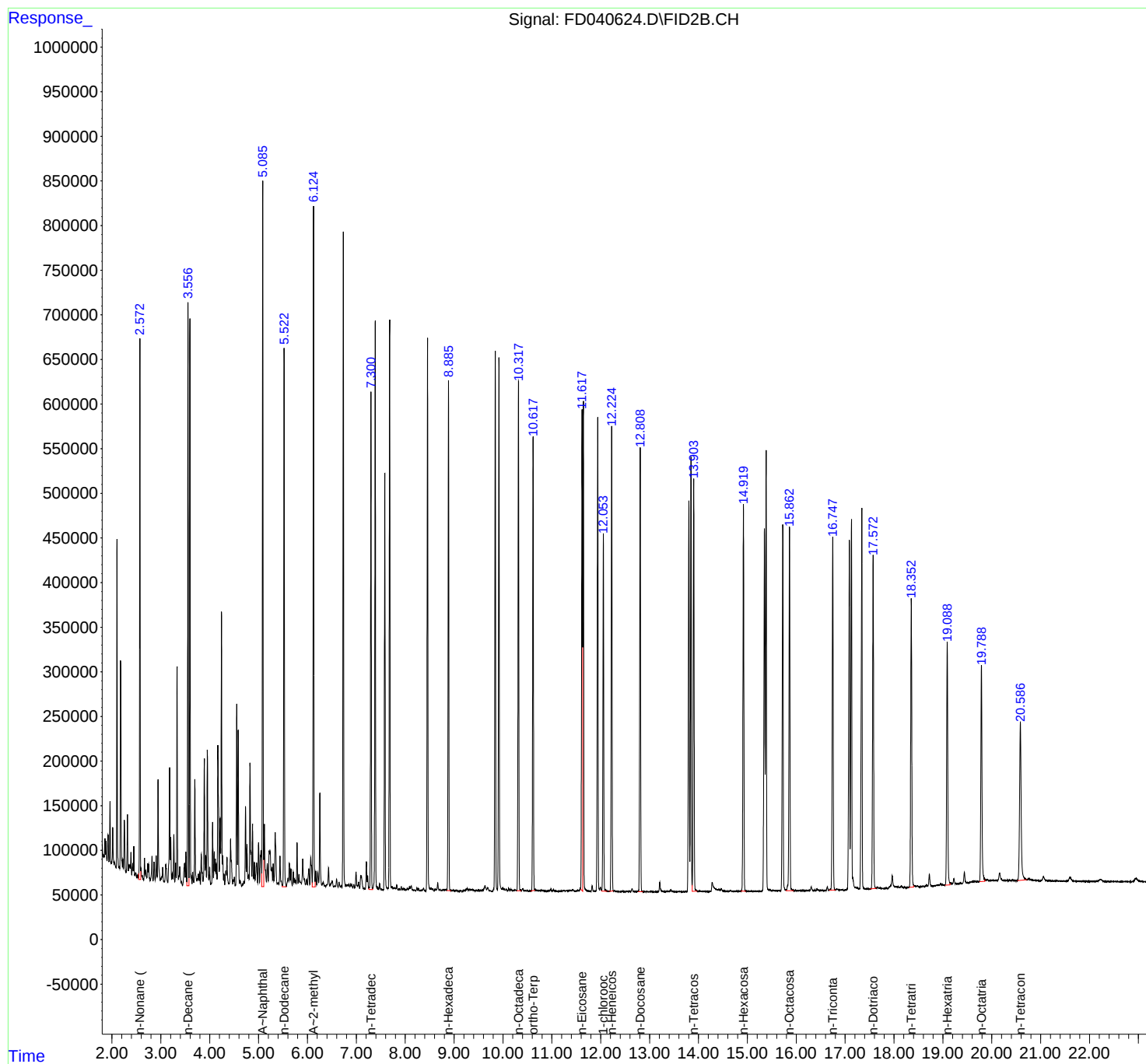
Instrument :
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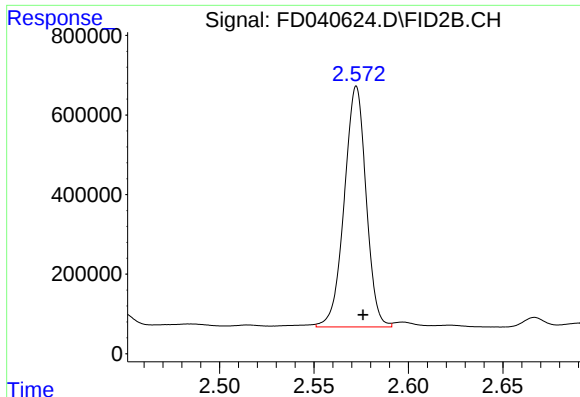
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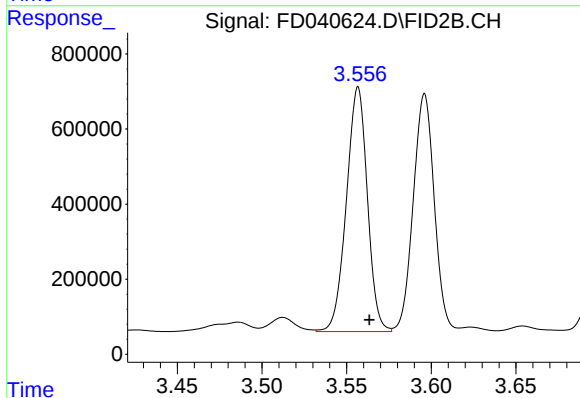
#1 n-Nonane (C9)

R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 4864853
Conc: 37.89 ug/ml

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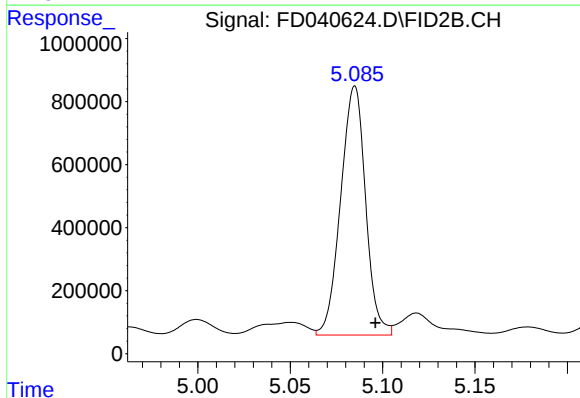
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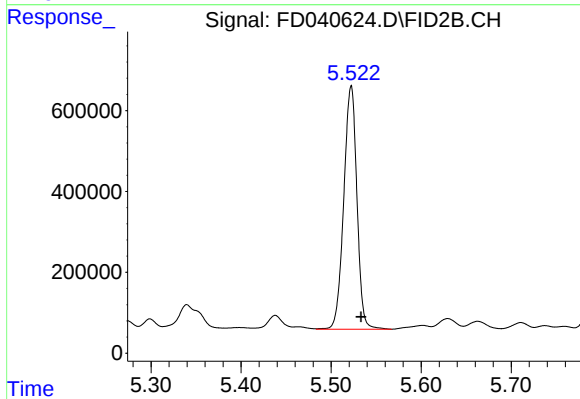
#2 n-Decane (C10)

R.T.: 3.557 min
Delta R.T.: -0.007 min
Response: 5630191
Conc: 43.72 ug/ml



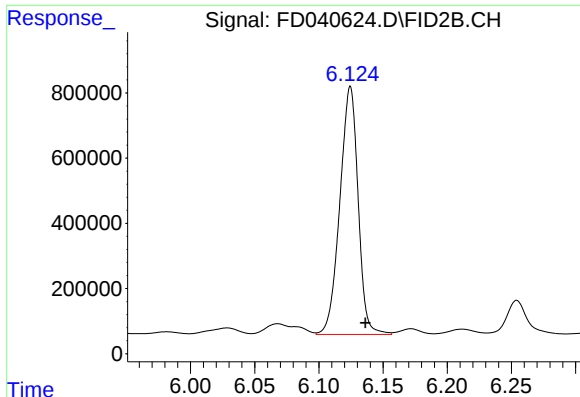
#3 A~Naphthalene (C11.7)

R.T.: 5.085 min
Delta R.T.: -0.011 min
Response: 7422506
Conc: 52.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.522 min
Delta R.T.: -0.011 min
Response: 6116983
Conc: 47.86 ug/ml



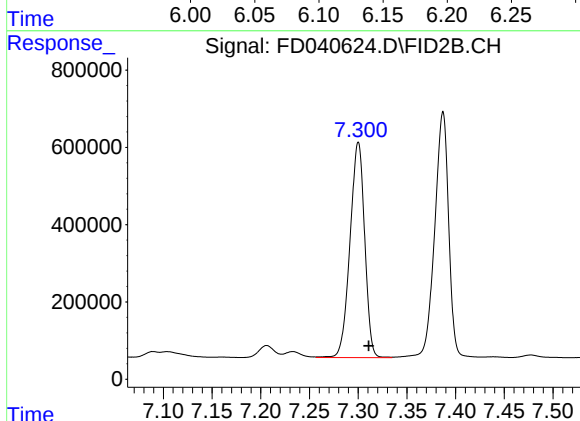
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 7541069
Conc: 53.45 ug/ml

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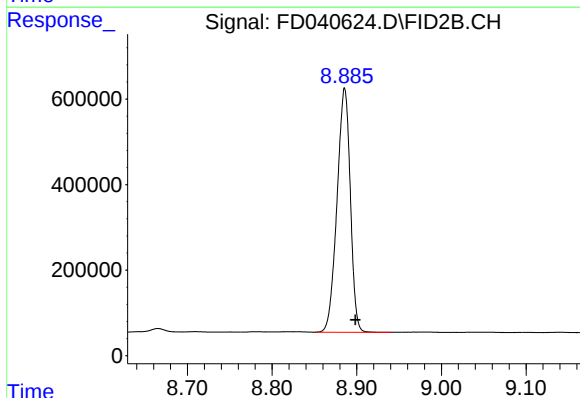
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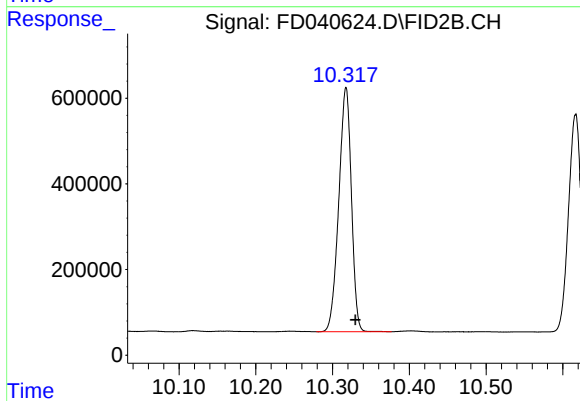
#6 n-Tetradecane (C14)

R.T.: 7.300 min
Delta R.T.: -0.011 min
Response: 5843192
Conc: 45.11 ug/ml



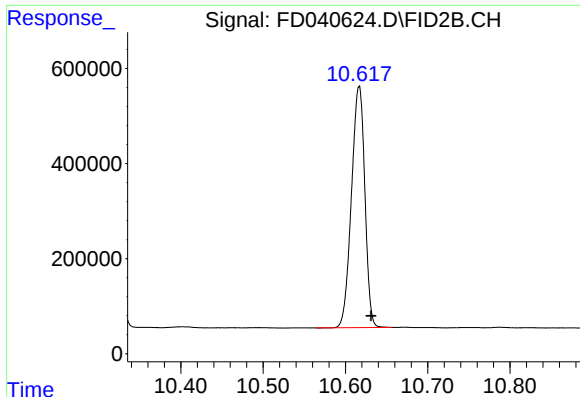
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.013 min
Response: 6231437
Conc: 47.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.318 min
Delta R.T.: -0.012 min
Response: 6515047
Conc: 48.08 ug/ml



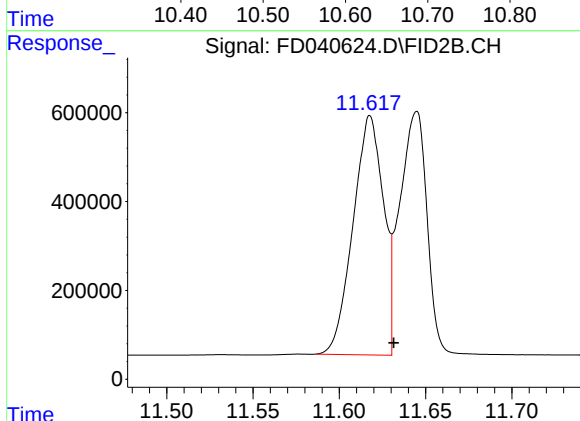
#9 ortho-Terphenyl (SURR)

R.T.: 10.617 min
Delta R.T.: -0.014 min
Response: 5742123
Conc: 37.24 ug/ml

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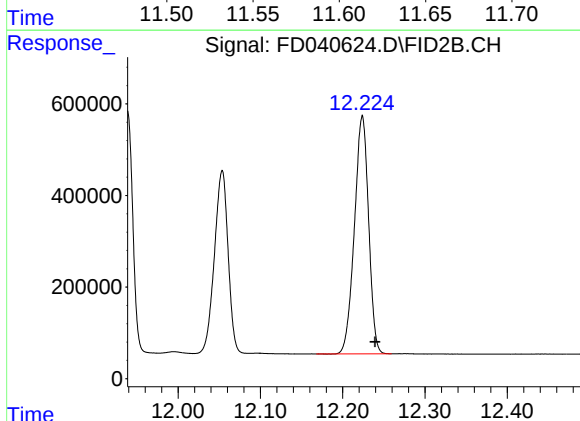
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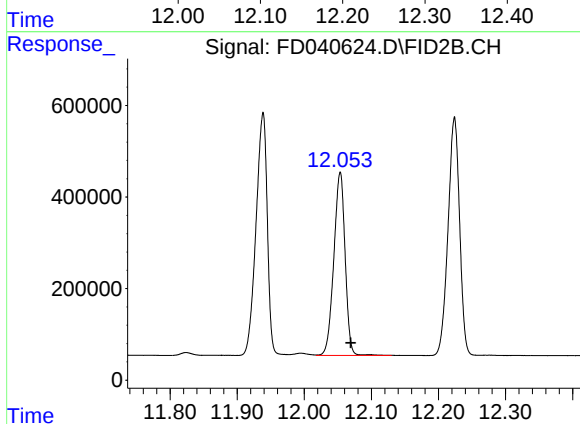
#10 n-Eicosane (C20)

R.T.: 11.617 min
Delta R.T.: -0.014 min
Response: 6661873
Conc: 48.98 ug/ml m



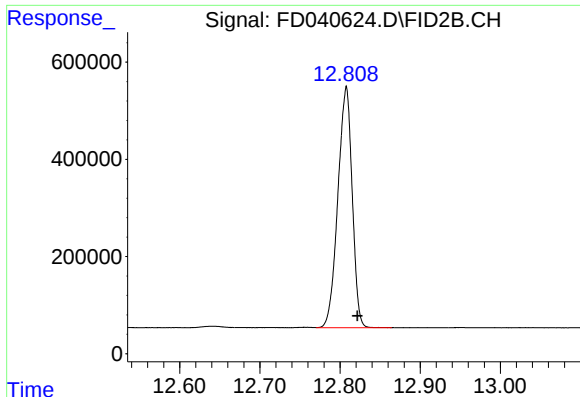
#11 n-Heneicosane (C21)

R.T.: 12.224 min
Delta R.T.: -0.016 min
Response: 6219608
Conc: 44.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.054 min
Delta R.T.: -0.016 min
Response: 4671919
Conc: 39.69 ug/ml



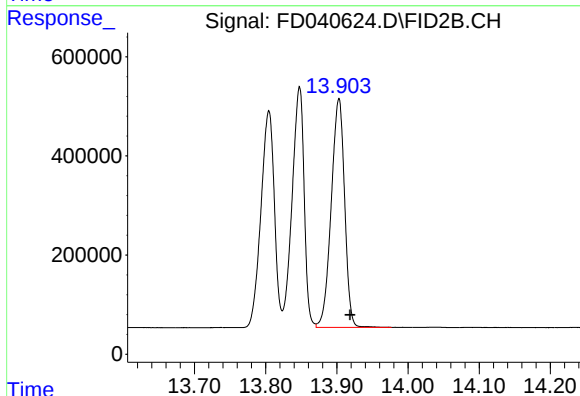
#13 n-Docosane (C22)

R.T.: 12.808 min
Delta R.T.: -0.014 min
Response: 6139915
Conc: 44.53 ug/ml

Instrument :
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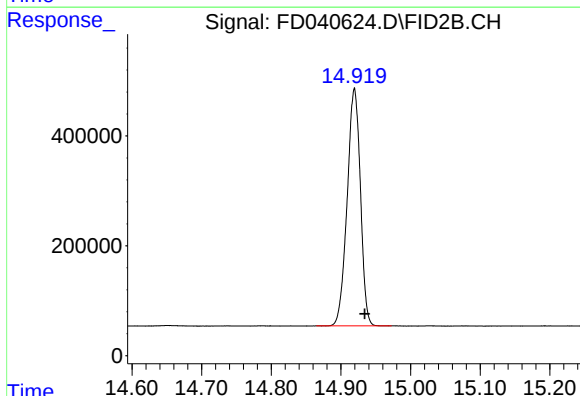
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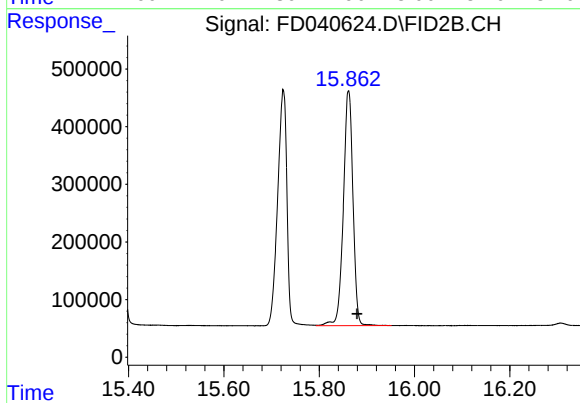
#14 n-Tetracosane (C24)

R.T.: 13.903 min
Delta R.T.: -0.016 min
Response: 6034278
Conc: 43.16 ug/ml



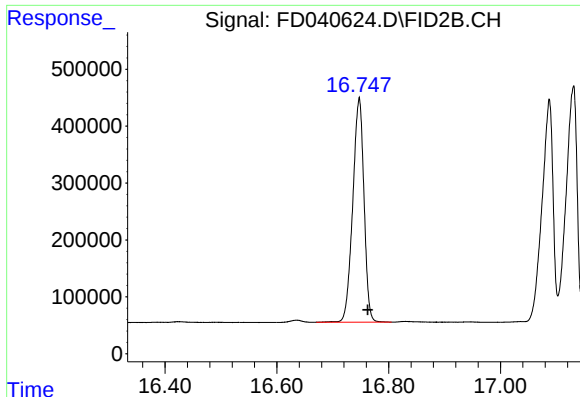
#15 n-Hexacosane (C26)

R.T.: 14.919 min
Delta R.T.: -0.015 min
Response: 5720805
Conc: 41.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.862 min
Delta R.T.: -0.018 min
Response: 5711403
Conc: 42.09 ug/ml



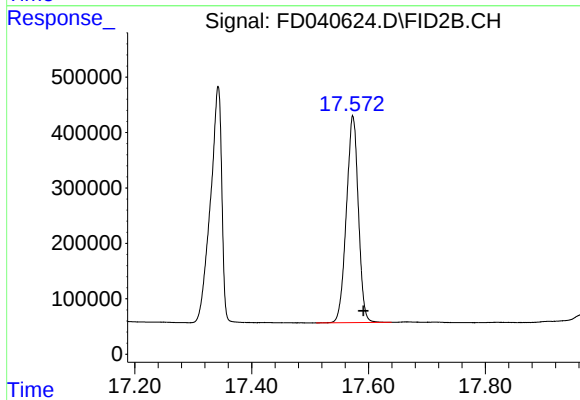
#17 n-Tricontane (C30)

R.T.: 16.747 min
Delta R.T.: -0.015 min
Response: 5499405
Conc: 42.19 ug/ml

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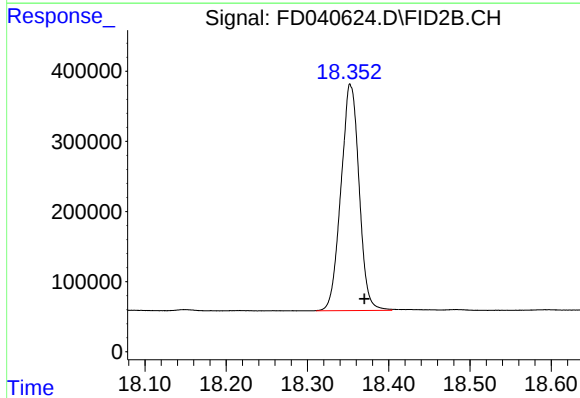
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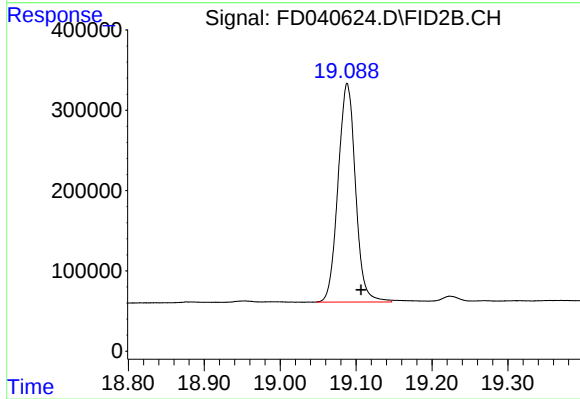
#18 n-Dotriacontane (C32)

R.T.: 17.573 min
Delta R.T.: -0.018 min
Response: 5307283
Conc: 44.40 ug/ml



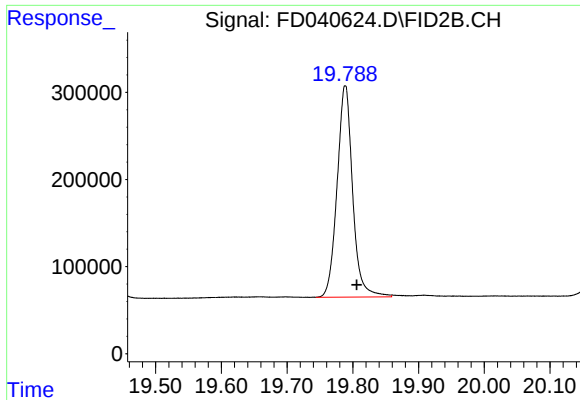
#19 n-Tetratriacontane (C34)

R.T.: 18.352 min
Delta R.T.: -0.018 min
Response: 5014404
Conc: 47.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.088 min
Delta R.T.: -0.018 min
Response: 4345735
Conc: 42.89 ug/ml m



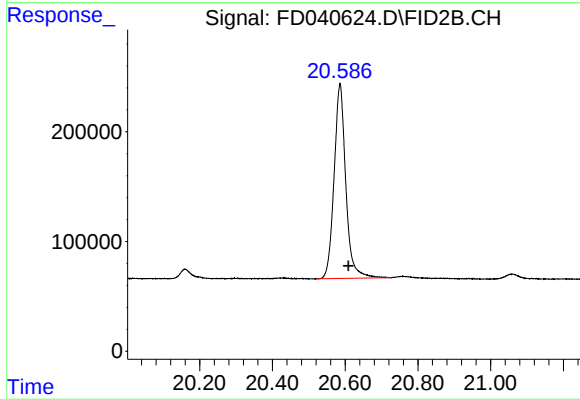
#21 n-Octatriacontane (C38)

R.T.: 19.788 min
Delta R.T.: -0.018 min
Response: 3992261
Conc: 44.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.586 min
Delta R.T.: -0.023 min
Response: 3955789
Conc: 46.28 ug/ml