

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040547.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 17:59
 Operator : AJ\MA
 Sample : N1096-05MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-E8-01-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:31:59 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)	10.625	5224862	33.886 ug/ml
Spiked Amount 50.000		Recovery =	67.77%
12) S 1-chlorooctadecane (S...	12.061	3729590	31.685 ug/ml
Spiked Amount 50.000		Recovery =	63.37%
Target Compounds			
1) T n-Nonane (C9)	2.603	8421765	65.599 ug/ml
2) T n-Decane (C10)	3.576	8842009	68.667 ug/ml
3) T A~Naphthalene (C11.7)	5.098	10127175	71.282 ug/ml
4) T n-Dodecane (C12)	5.533	9047198	70.784 ug/ml
5) T A~2-methylnaphthalene...	6.136	9770508	69.258 ug/ml
6) T n-Tetradecane (C14)	7.310	9164508	70.746 ug/ml
7) T n-Hexadecane (C16)	8.895	9127838	70.061 ug/ml
8) T n-Octadecane (C18)	10.327	8945433	66.017 ug/ml
10) T n-Eicosane (C20)	11.628	8979769	66.018 ug/ml
11) T n-Heneicosane (C21)	12.234	8322015	60.097 ug/ml
13) T n-Docosane (C22)	12.818	8203374	59.493 ug/ml
14) T n-Tetracosane (C24)	13.913	8061521	57.654 ug/ml
15) T n-Hexacosane (C26)	14.931	7701267	55.869 ug/ml
16) T n-Octacosane (C28)	15.873	7522544	55.441 ug/ml
17) T n-Tricontane (C30)	16.758	7402081	56.791 ug/ml
18) T n-Dotriacontane (C32)	17.584	6804428	56.920 ug/ml
19) T n-Tetratriacontane (C34)	18.361	5542719	52.641 ug/ml
20) T n-Hexatriacontane (C36)	19.096	3951555	38.996 ug/ml
21) T n-Octatriacontane (C38)	19.795	3141609	35.163 ug/mlm
22) T n-Tetracontane (C40)	20.595	2943455	34.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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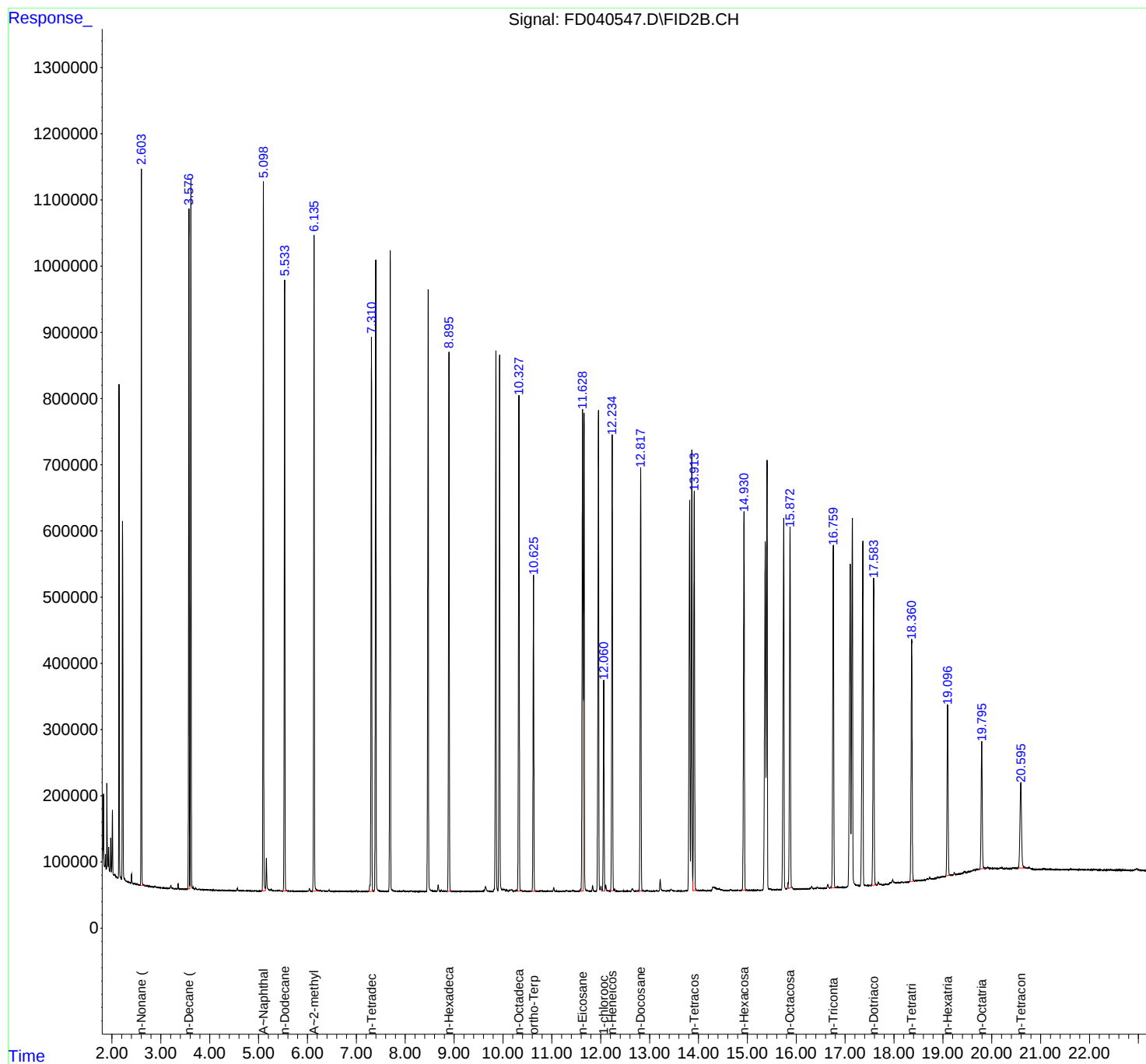
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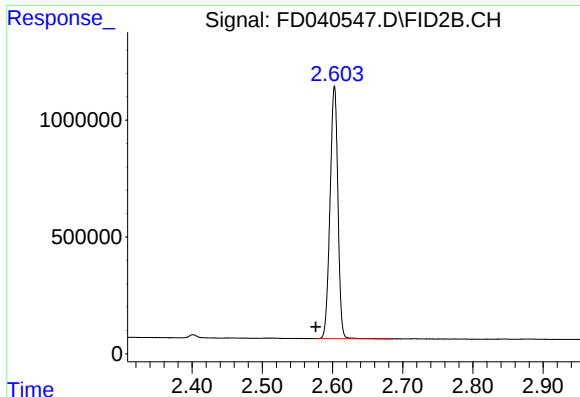
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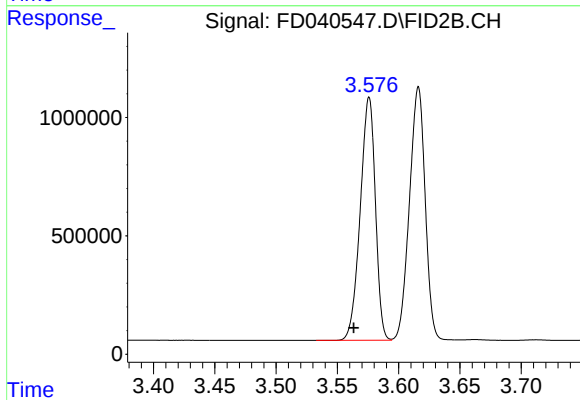
#1 n-Nonane (C9)

R.T.: 2.603 min
Delta R.T.: 0.027 min
Response: 8421765
Conc: 65.60 ug/ml

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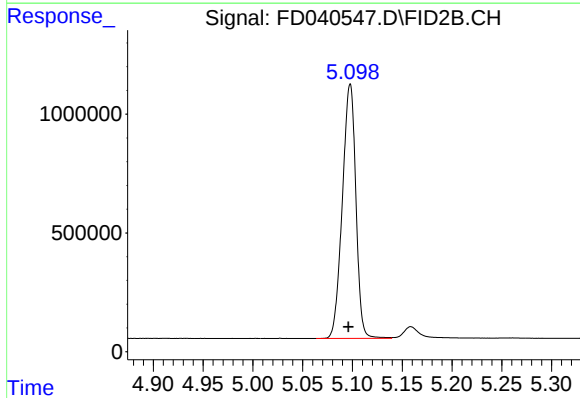
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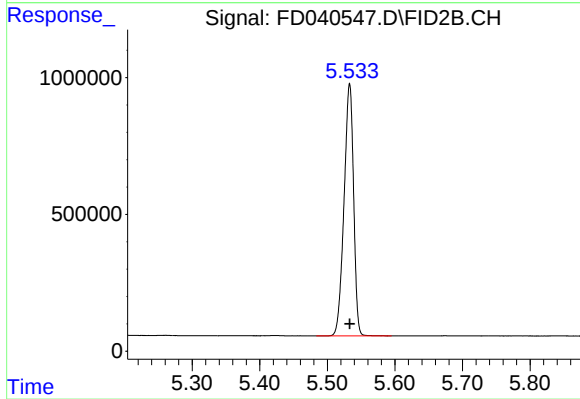
#2 n-Decane (C10)

R.T.: 3.576 min
Delta R.T.: 0.013 min
Response: 8842009
Conc: 68.67 ug/ml



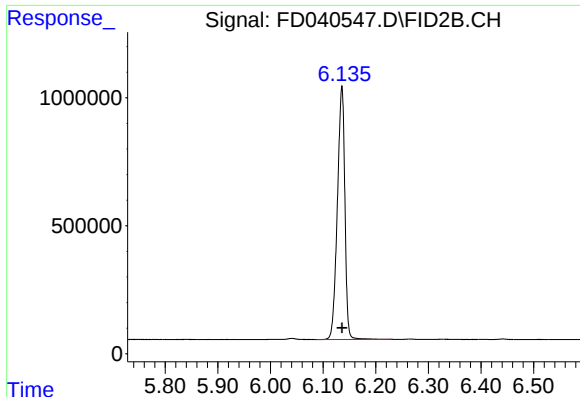
#3 A~Naphthalene (C11.7)

R.T.: 5.098 min
Delta R.T.: 0.002 min
Response: 10127175
Conc: 71.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 9047198
Conc: 70.78 ug/ml



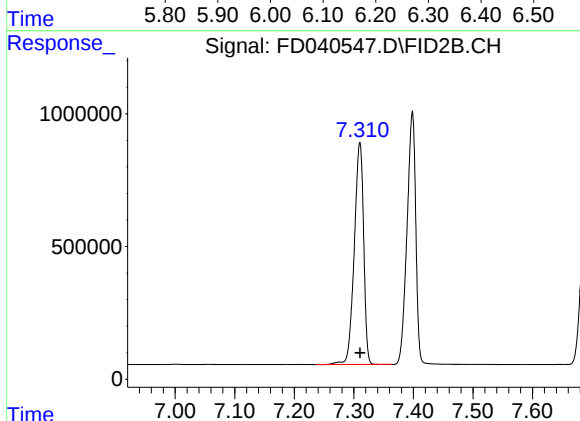
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 9770508
Conc: 69.26 ug/ml

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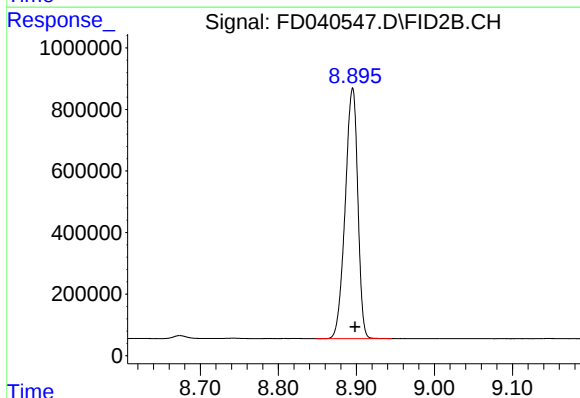
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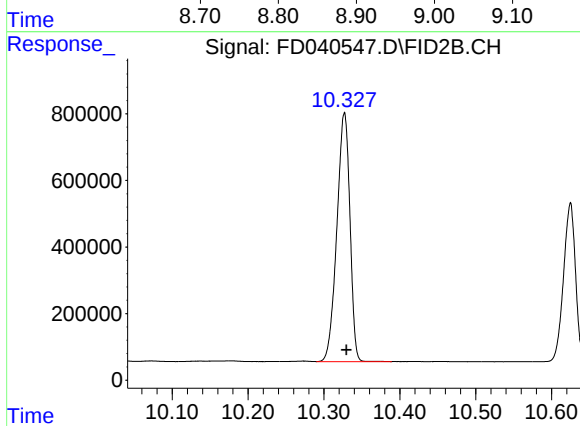
#6 n-Tetradecane (C14)

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 9164508
Conc: 70.75 ug/ml



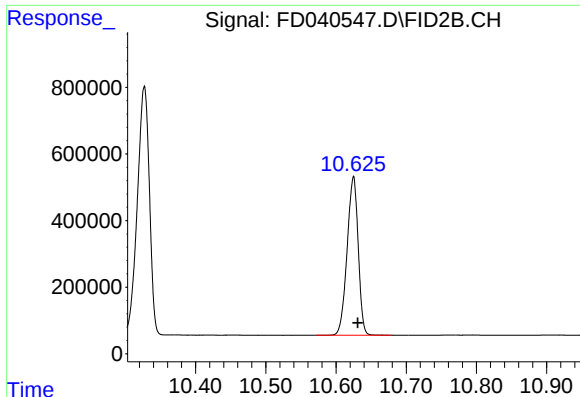
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.003 min
Response: 9127838
Conc: 70.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 8945433
Conc: 66.02 ug/ml



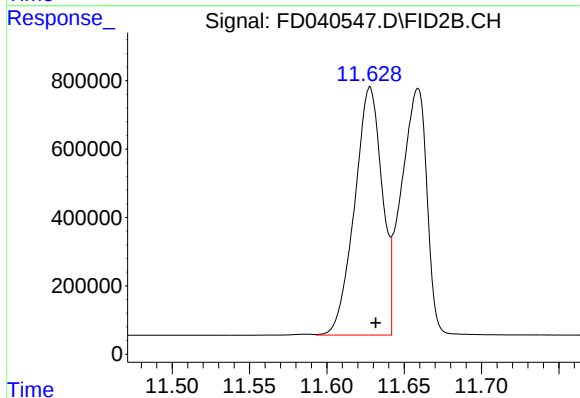
#9 ortho-Terphenyl (SURR)

R.T.: 10.625 min
Delta R.T.: -0.006 min
Response: 5224862
Conc: 33.89 ug/ml

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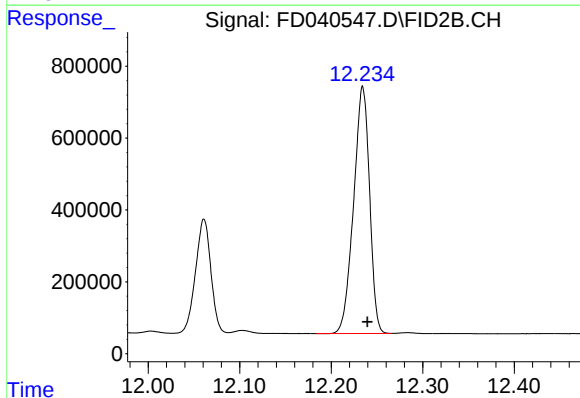
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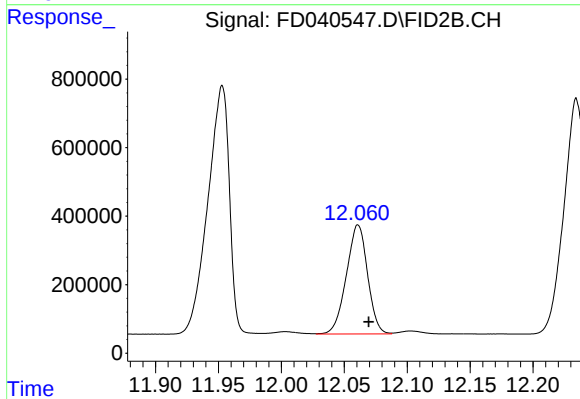
#10 n-Eicosane (C20)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 8979769
Conc: 66.02 ug/ml



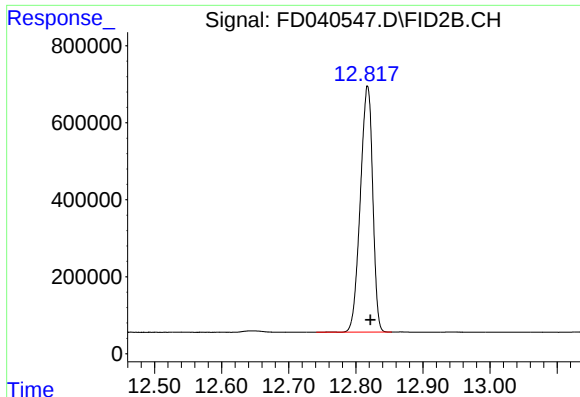
#11 n-Heneicosane (C21)

R.T.: 12.234 min
Delta R.T.: -0.005 min
Response: 8322015
Conc: 60.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.061 min
Delta R.T.: -0.008 min
Response: 3729590
Conc: 31.69 ug/ml



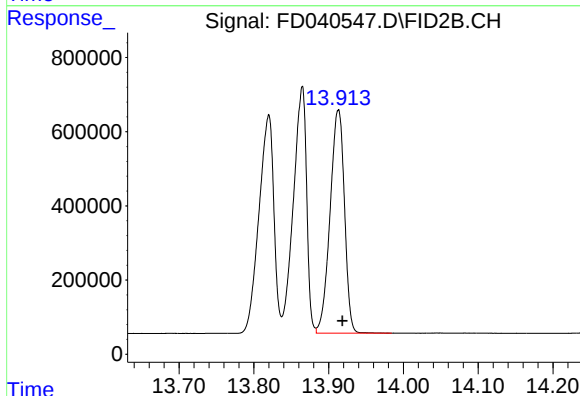
#13 n-Docosane (C22)

R.T.: 12.818 min
Delta R.T.: -0.004 min
Response: 8203374
Conc: 59.49 ug/ml

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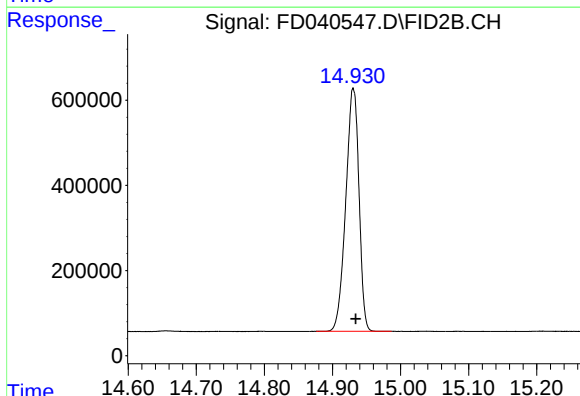
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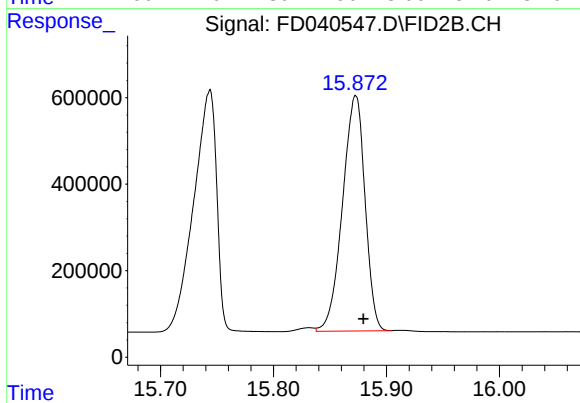
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.005 min
Response: 8061521
Conc: 57.65 ug/ml



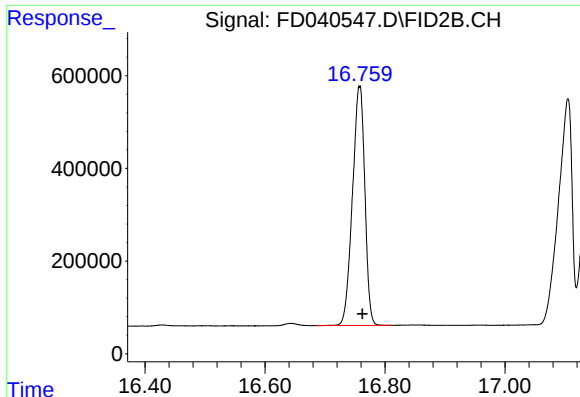
#15 n-Hexacosane (C26)

R.T.: 14.931 min
Delta R.T.: -0.003 min
Response: 7701267
Conc: 55.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 7522544
Conc: 55.44 ug/ml



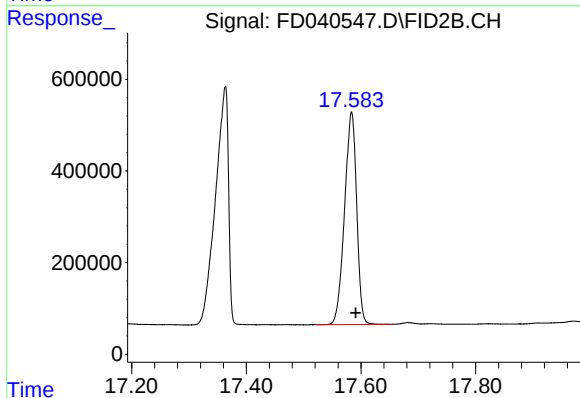
#17 n-Tricontane (C30)

R.T.: 16.758 min
Delta R.T.: -0.005 min
Response: 7402081
Conc: 56.79 ug/ml

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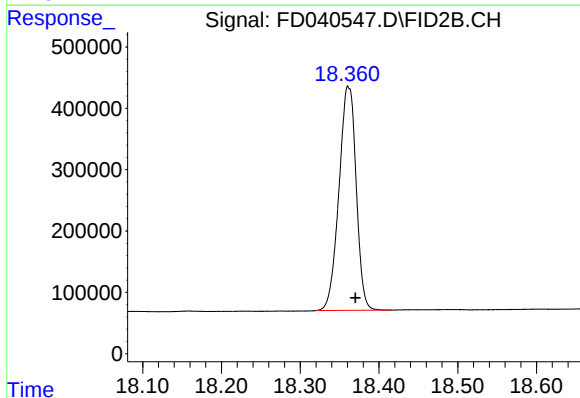
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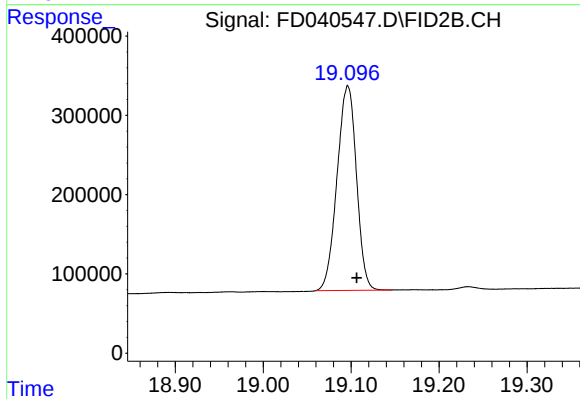
#18 n-Dotriacontane (C32)

R.T.: 17.584 min
Delta R.T.: -0.007 min
Response: 6804428
Conc: 56.92 ug/ml



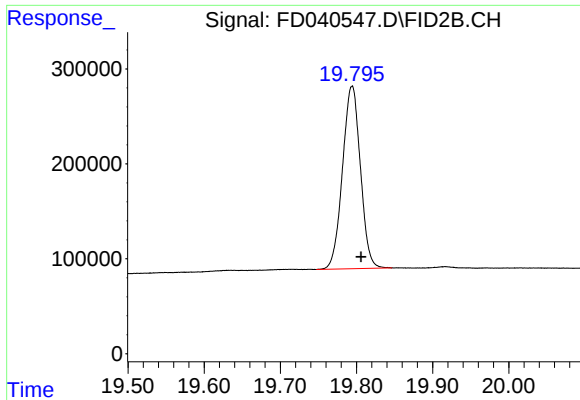
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 5542719
Conc: 52.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 3951555
Conc: 39.00 ug/ml



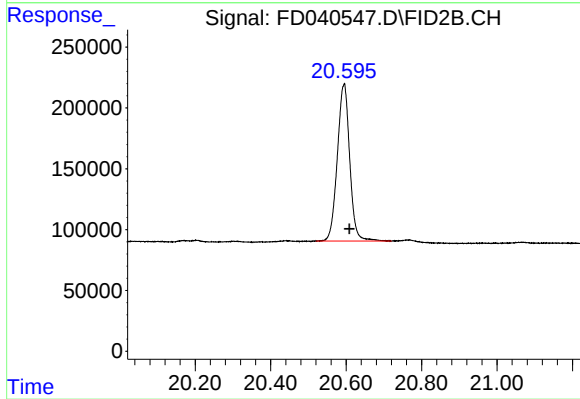
#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 3141609
Conc: 35.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.595 min
Delta R.T.: -0.014 min
Response: 2943455
Conc: 34.43 ug/ml