

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042920AL\
 Data File : FC047189.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2020 16:08
 Operator : DD\AJ
 Sample : L2428-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-7MS

Manual Integrations
 APPROVED

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 4/30/2020 8:34:19 AM

Integration File: autoint1.e
 Quant Time: Apr 30 00:49:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.751	1768357	15.892 ug/ml
Spiked Amount 50.000		Recovery =	31.78%
12) S 1-chlorooctadecane (S...	13.163	1355143	15.174 ug/mlm
Spiked Amount 50.000		Recovery =	30.35%
Target Compounds			
1) T n-Nonane (C9)	3.554	3720297	38.534 ug/ml
2) T n-Decane (C10)	4.619	4264440	44.208 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5088249	50.510 ug/ml
4) T n-Dodecane (C12)	6.621	4820024	49.024 ug/ml
5) T A~2-methylnaphthalene...	7.263	5387060	54.007 ug/ml
6) T n-Tetradecane (C14)	8.401	5220408	52.860 ug/ml
7) T n-Hexadecane (C16)	9.988	5416838	53.728 ug/ml
8) T n-Octadecane (C18)	11.420	5557085	53.829 ug/ml
10) T n-Eicosane (C20)	12.720	5453194	51.970 ug/ml
11) T n-Heneicosane (C21)	13.328	5366640	50.453 ug/ml
13) T n-Docosane (C22)	13.911	5437123	51.097 ug/ml
14) T n-Tetracosane (C24)	15.002	10404782	96.749 ug/ml
15) T n-Hexacosane (C26)	16.024	5128347	47.533 ug/ml
16) T n-Octacosane (C28)	16.966	5374056	50.279 ug/mlm
17) T n-Tricontane (C30)	17.850	4970729	49.674 ug/ml
18) T n-Dotriacontane (C32)	18.675	4849835	63.645 ug/ml
19) T n-Tetratriacontane (C34)	19.455	4466337	79.483 ug/ml
20) T n-Hexatriacontane (C36)	20.189	3945246	78.838 ug/ml
21) T n-Octatriacontane (C38)	20.948	3541918	78.109 ug/mlm
22) T n-Tetracontane (C40)	21.895	3525303	75.151 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : L2428-01MS
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ALS Vial : 11 Sample Multiplier: 1

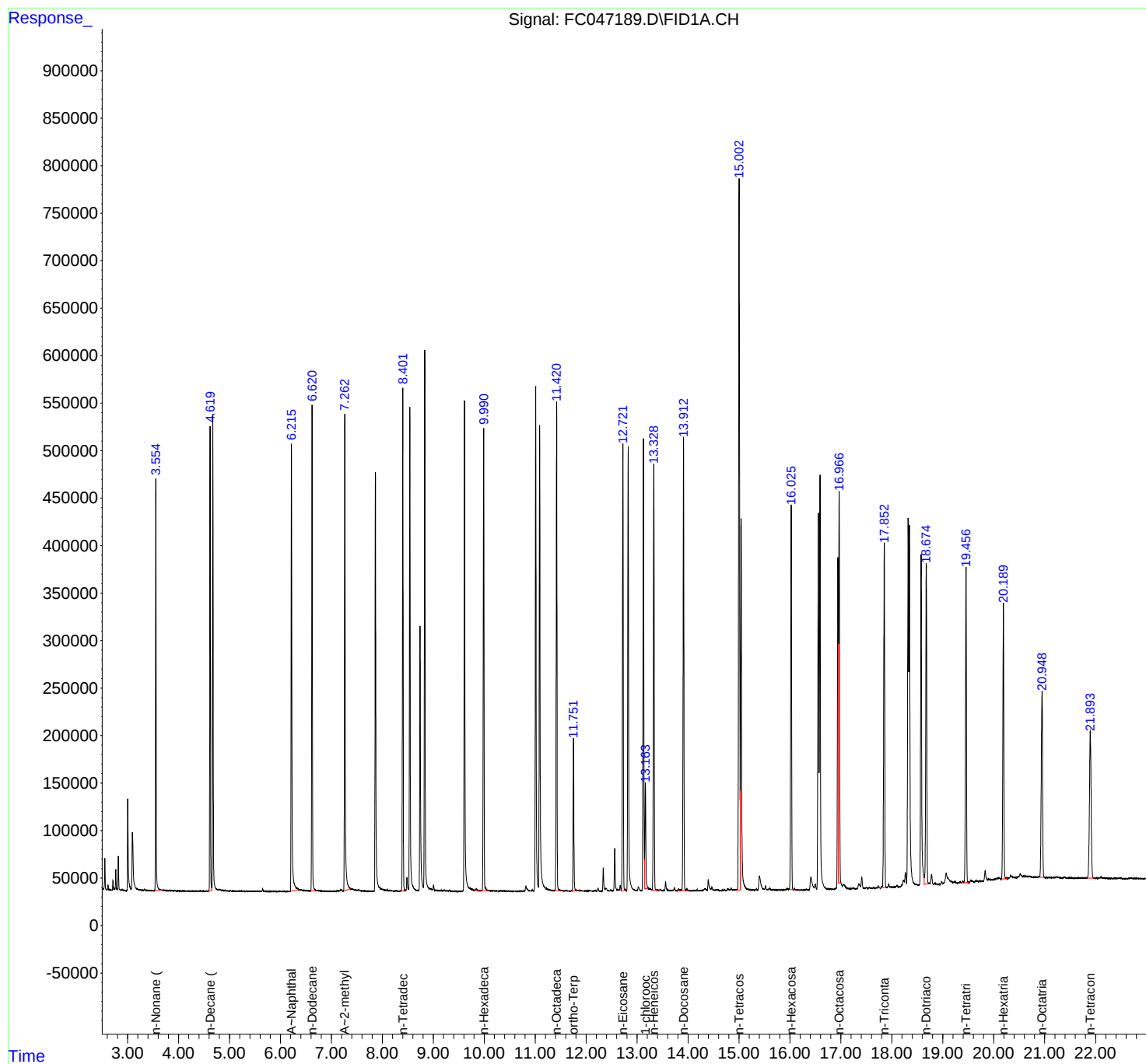
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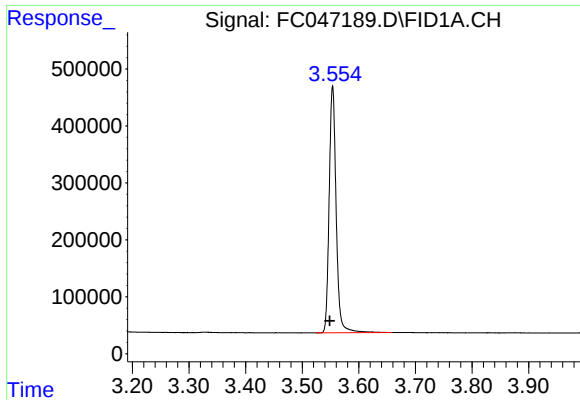
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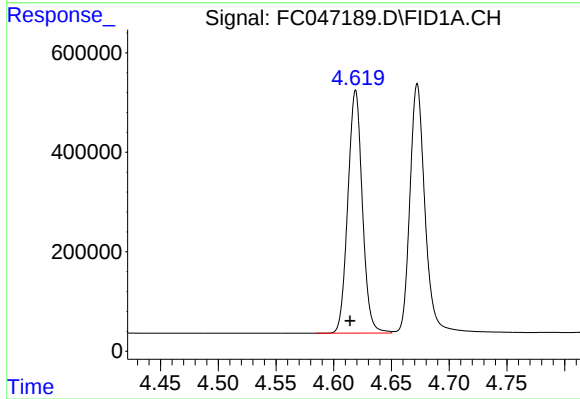
#1 n-Nonane (C9)

R.T.: 3.554 min
Delta R.T.: 0.005 min
Response: 3720297
Conc: 38.53 ug/ml

Instrument :
FID_C
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S-7MS

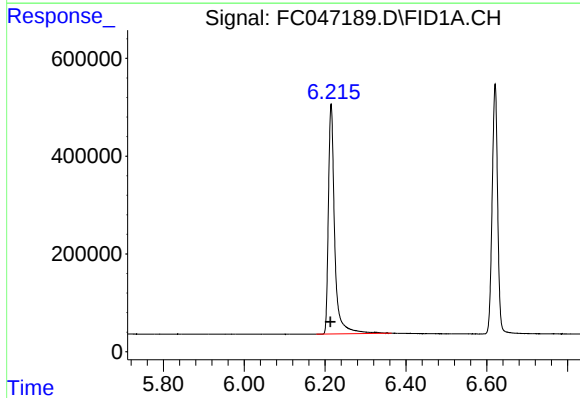
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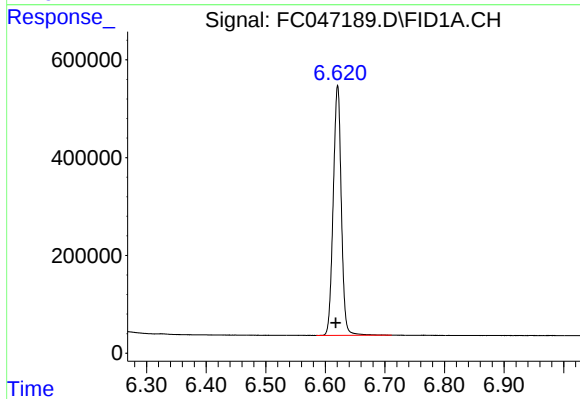
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.005 min
Response: 4264440
Conc: 44.21 ug/ml



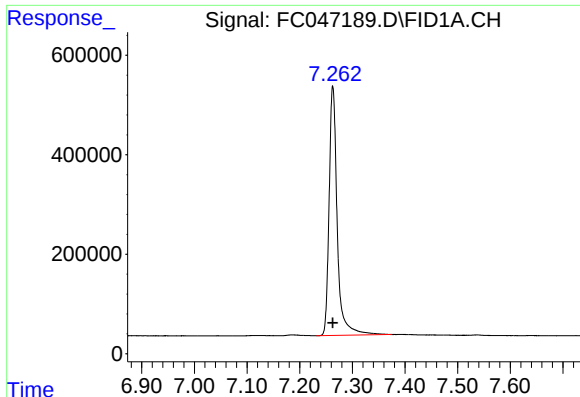
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.001 min
Response: 5088249
Conc: 50.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.003 min
Response: 4820024
Conc: 49.02 ug/ml



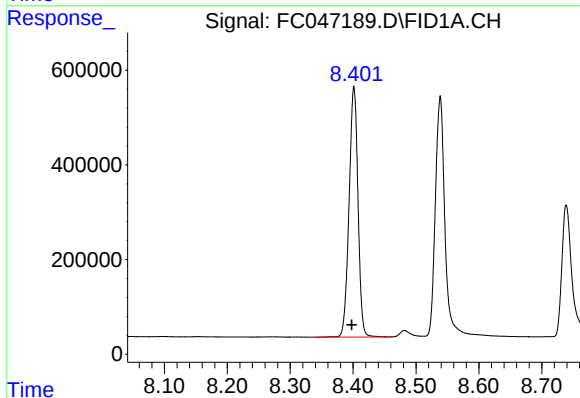
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 5387060
Conc: 54.01 ug/ml

Instrument :
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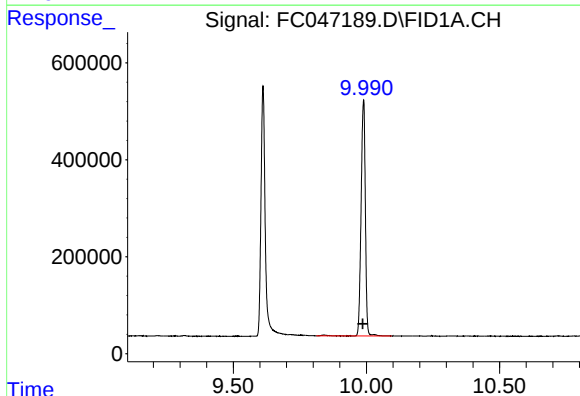
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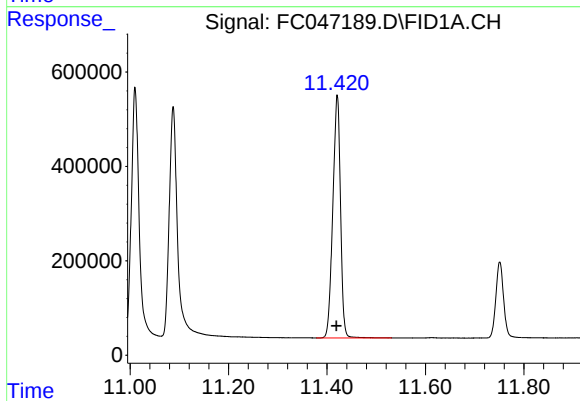
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 5220408
Conc: 52.86 ug/ml



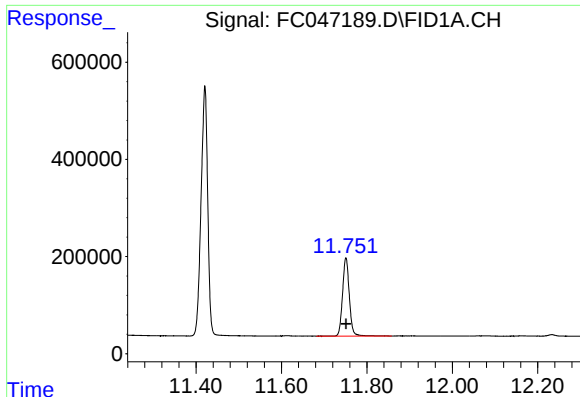
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.002 min
Response: 5416838
Conc: 53.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.420 min
Delta R.T.: 0.001 min
Response: 5557085
Conc: 53.83 ug/ml



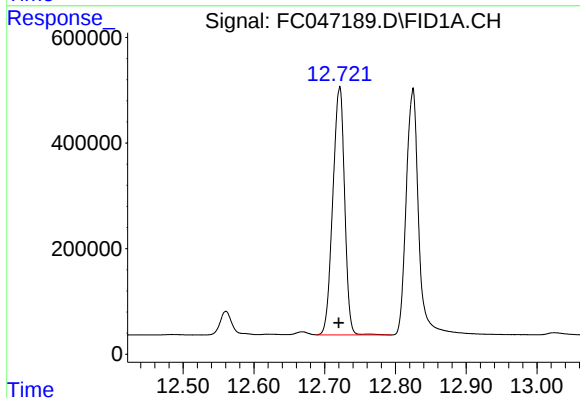
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 1768357
Conc: 15.89 ug/ml

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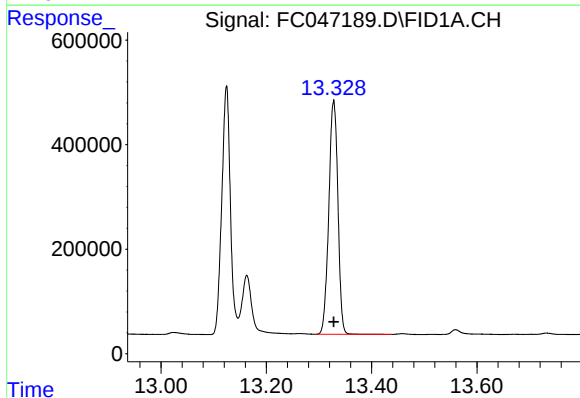
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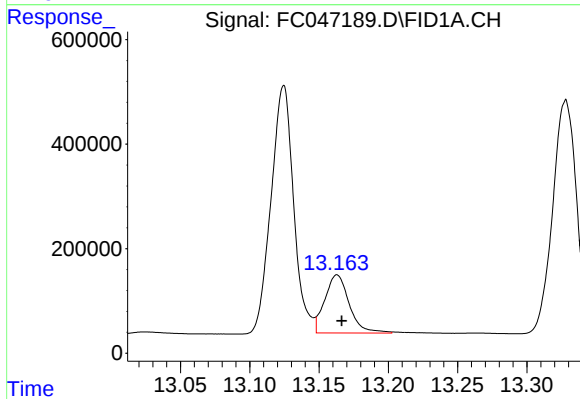
#10 n-Eicosane (C20)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 5453194
Conc: 51.97 ug/ml



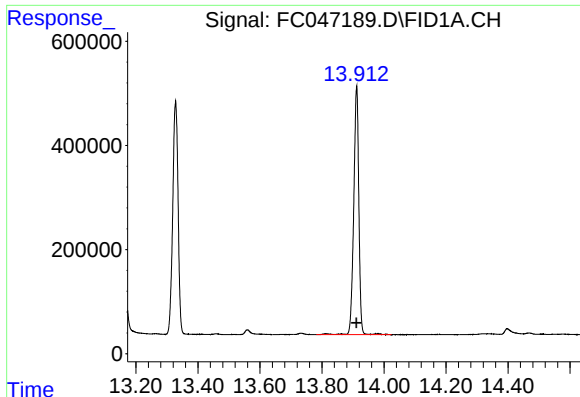
#11 n-Heneicosane (C21)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 5366640
Conc: 50.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.163 min
Delta R.T.: -0.004 min
Response: 1355143
Conc: 15.17 ug/ml m



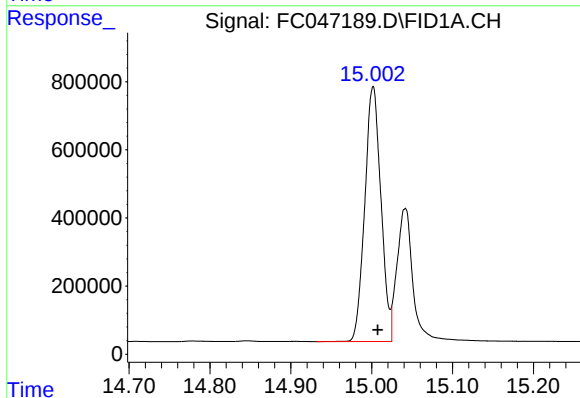
#13 n-Docosane (C22)

R.T.: 13.911 min
Delta R.T.: 0.000 min
Response: 5437123
Conc: 51.10 ug/ml

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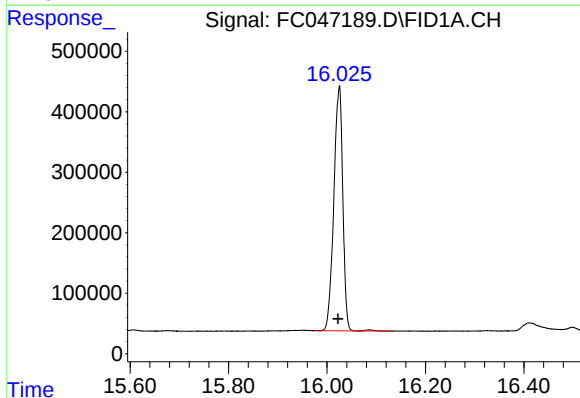
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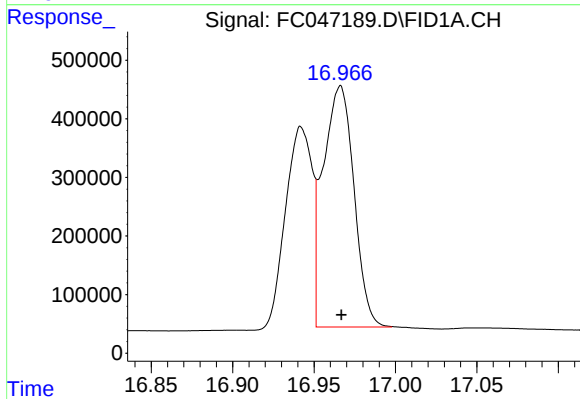
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.006 min
Response: 10404782
Conc: 96.75 ug/ml



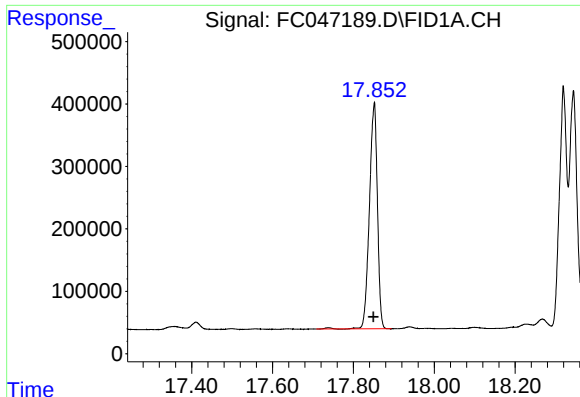
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 5128347
Conc: 47.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.966 min
Delta R.T.: 0.000 min
Response: 5374056
Conc: 50.28 ug/ml m



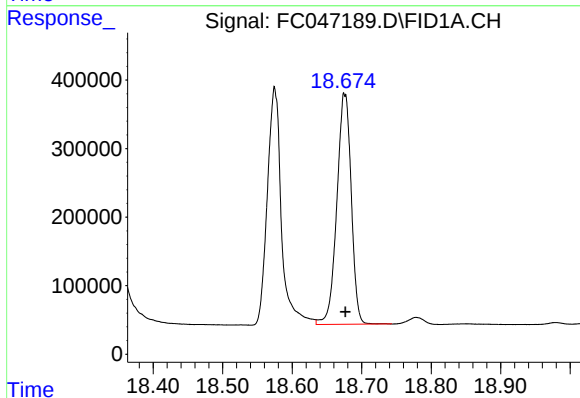
#17 n-Tricontane (C30)

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 4970729
Conc: 49.67 ug/ml

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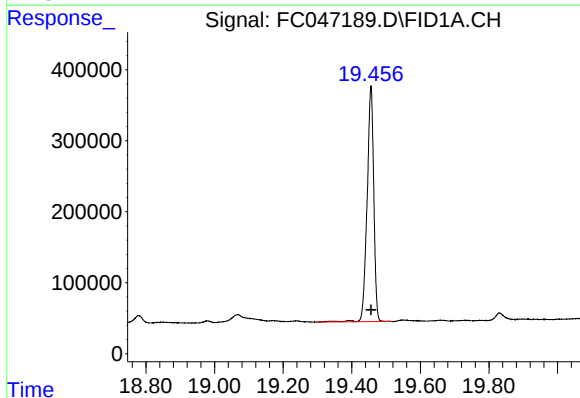
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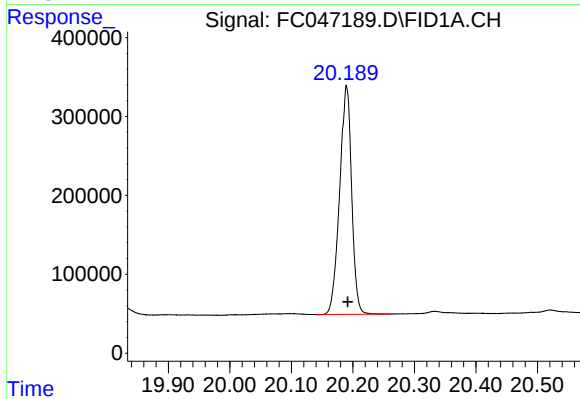
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.001 min
Response: 4849835
Conc: 63.64 ug/ml



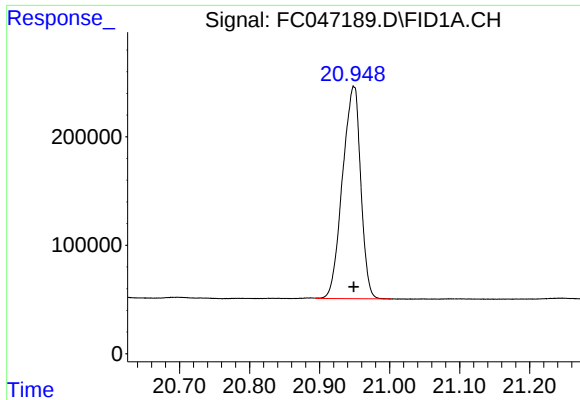
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.000 min
Response: 4466337
Conc: 79.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.003 min
Response: 3945246
Conc: 78.84 ug/ml



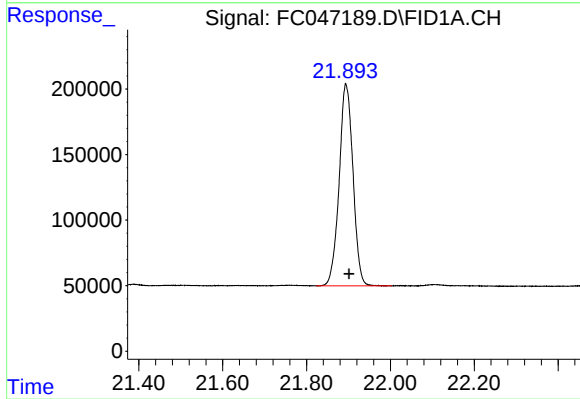
#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.001 min
Response: 3541918
Conc: 78.11 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.895 min
Delta R.T.: -0.007 min
Response: 3525303
Conc: 75.15 ug/ml