

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035920.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jun 2022 18:56
 Operator : YP\AJ
 Sample : N3168-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HELENS-0602MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 01:24:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.955	5478724	41.302 ug/ml
Spiked Amount 50.000		Recovery =	82.60%
12) S 1-chlorooctadecane (S...	12.385	4324324	41.340 ug/ml
Spiked Amount 50.000		Recovery =	82.68%
Target Compounds			
1) T n-Nonane (C9)	2.804	3496901	29.279 ug/ml
2) T n-Decane (C10)	3.819	3910739	33.048 ug/ml
3) T A~Naphthalene (C11.7)	5.386	4785289	35.812 ug/ml
4) T n-Dodecane (C12)	5.808	4294955	35.849 ug/ml
5) T A~2-methylnaphthalene...	6.436	4933742	36.483 ug/ml
6) T n-Tetradecane (C14)	7.599	4695602	39.396 ug/ml
7) T n-Hexadecane (C16)	9.195	5087447	42.666 ug/ml
8) T n-Octadecane (C18)	10.636	5462779	45.571 ug/ml
10) T n-Eicosane (C20)	11.942	5411971	45.364 ug/ml
11) T n-Heneicosane (C21)	12.552	5382405	44.829 ug/ml
13) T n-Docosane (C22)	13.138	5391863	44.773 ug/ml
14) T n-Tetracosane (C24)	14.231	10710800	88.519 ug/ml
15) T n-Hexacosane (C26)	15.258	5331838	44.060 ug/ml
16) T n-Octacosane (C28)	16.205	5369008	44.300 ug/ml
17) T n-Tricontane (C30)	17.093	5230973	43.503 ug/mlm
18) T n-Dotriacontane (C32)	17.923	5168508	44.974 ug/mlm
19) T n-Tetratriacontane (C34)	18.706	5178406	47.870 ug/mlm
20) T n-Hexatriacontane (C36)	19.444	4651338	46.174 ug/mlm
21) T n-Octatriacontane (C38)	20.179	4389249	46.069 ug/mlm
22) T n-Tetracontane (C40)	21.102	4685430	50.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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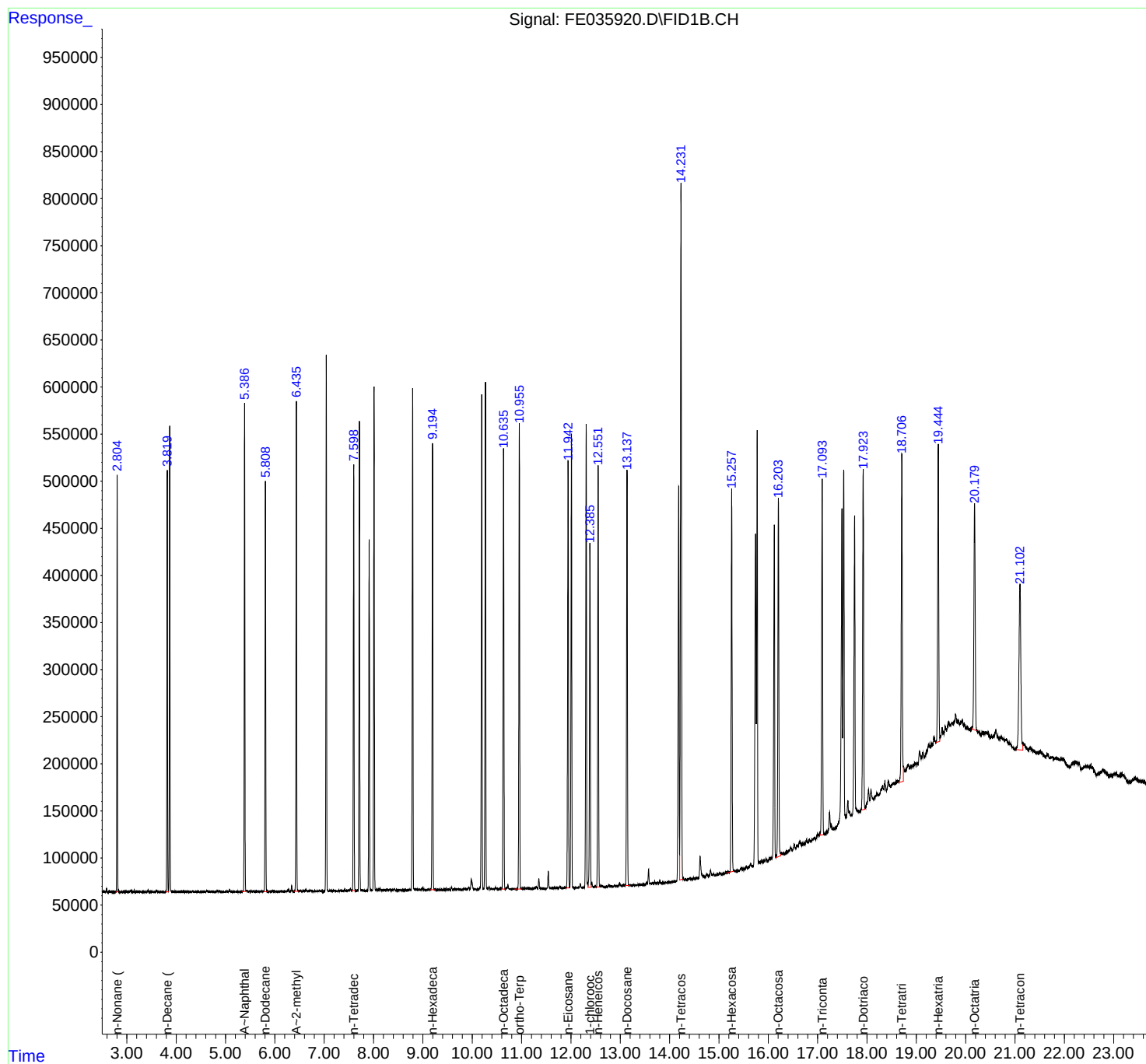
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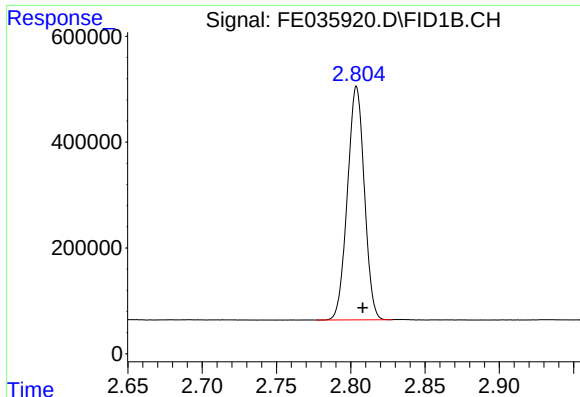
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#1 n-Nonane (C9)

R.T.: 2.804 min
Delta R.T.: -0.004 min
Response: 3496901
Conc: 29.28 ug/ml

Instrument :

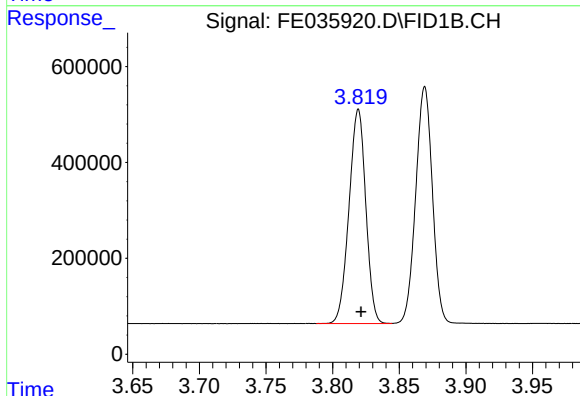
FID_E

ClientSampleId :

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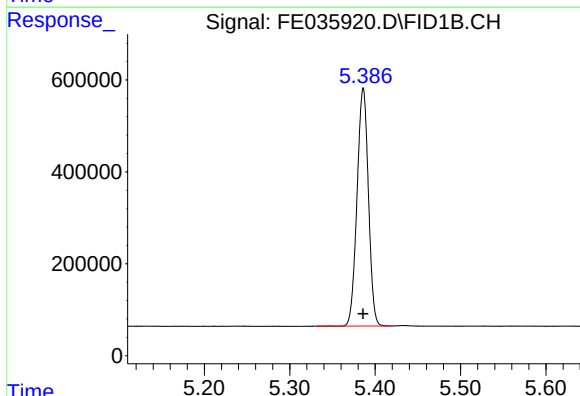
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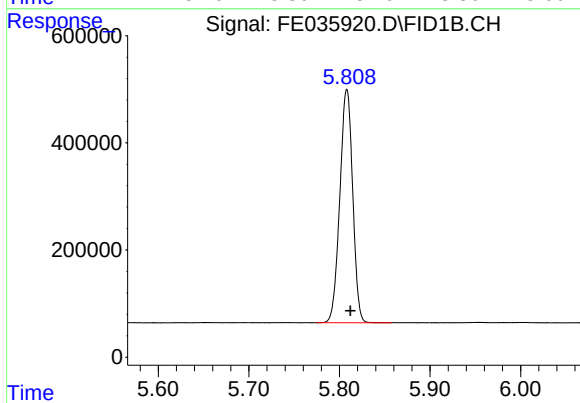
#2 n-Decane (C10)

R.T.: 3.819 min
Delta R.T.: -0.002 min
Response: 3910739
Conc: 33.05 ug/ml



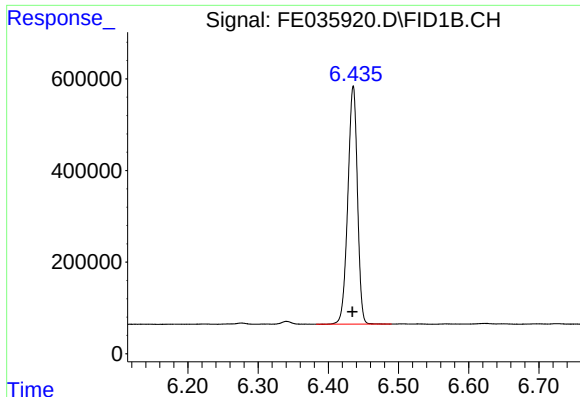
#3 A~Naphthalene (C11.7)

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 4785289
Conc: 35.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 4294955
Conc: 35.85 ug/ml



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

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 4933742
Conc: 36.48 ug/ml

Instrument :

FID_E

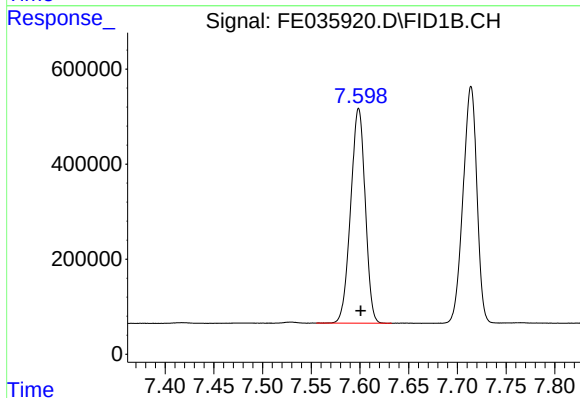
ClientSampleId :

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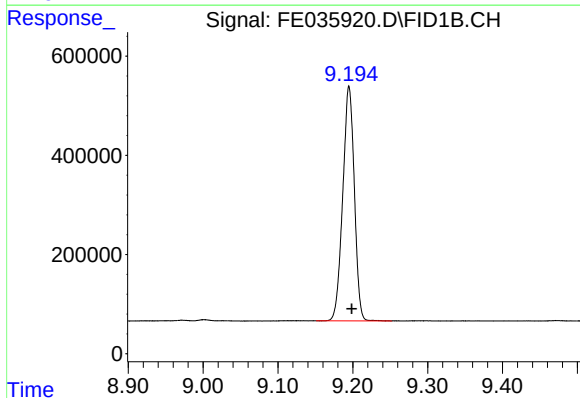
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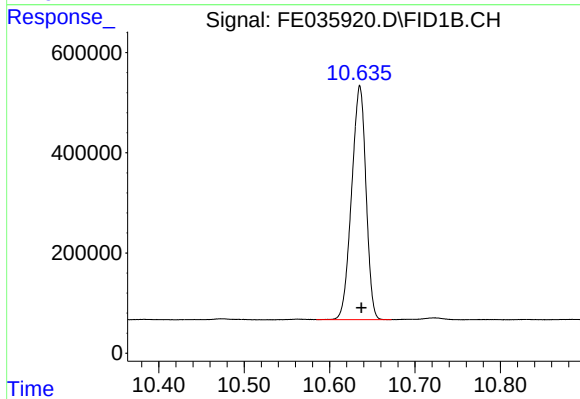
#6 n-Tetradecane (C14)

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 4695602
Conc: 39.40 ug/ml



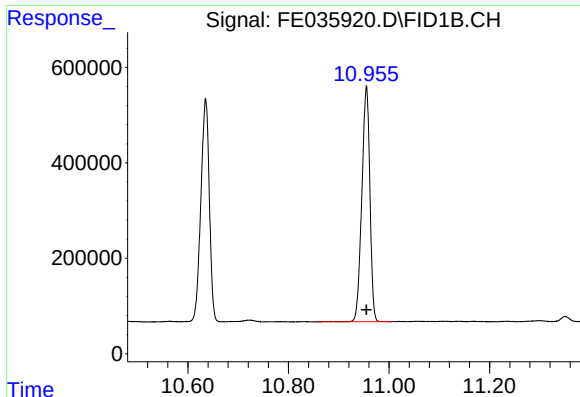
#7 n-Hexadecane (C16)

R.T.: 9.195 min
Delta R.T.: -0.004 min
Response: 5087447
Conc: 42.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.636 min
Delta R.T.: -0.002 min
Response: 5462779
Conc: 45.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 5478724
Conc: 41.30 ug/ml

Instrument :

FID_E

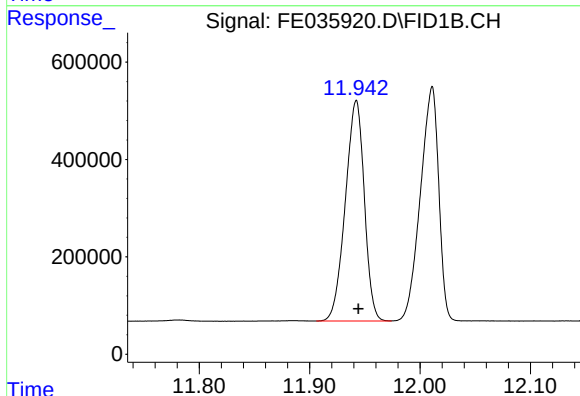
ClientSampleId :

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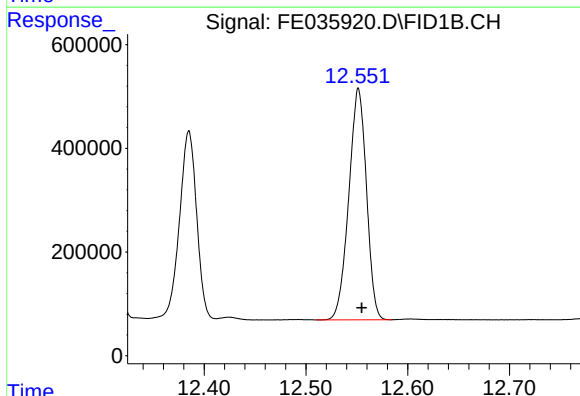
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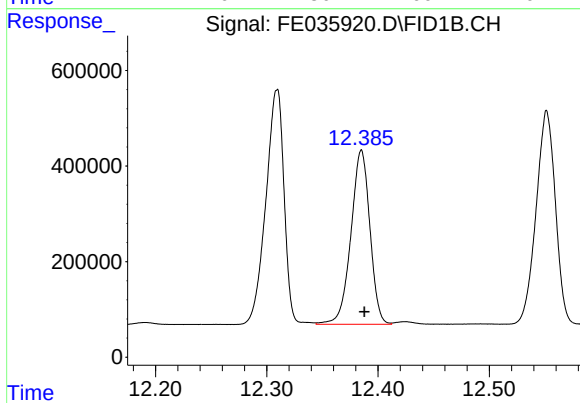
#10 n-Eicosane (C20)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 5411971
Conc: 45.36 ug/ml



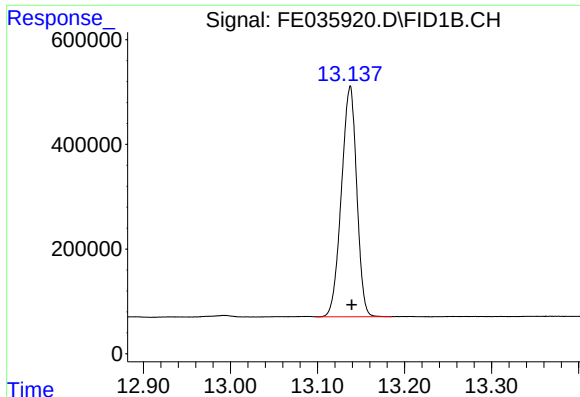
#11 n-Heneicosane (C21)

R.T.: 12.552 min
Delta R.T.: -0.003 min
Response: 5382405
Conc: 44.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.385 min
Delta R.T.: -0.003 min
Response: 4324324
Conc: 41.34 ug/ml



#13 n-Docosane (C22)

R.T.: 13.138 min
Delta R.T.: -0.002 min
Response: 5391863
Conc: 44.77 ug/ml

Instrument :

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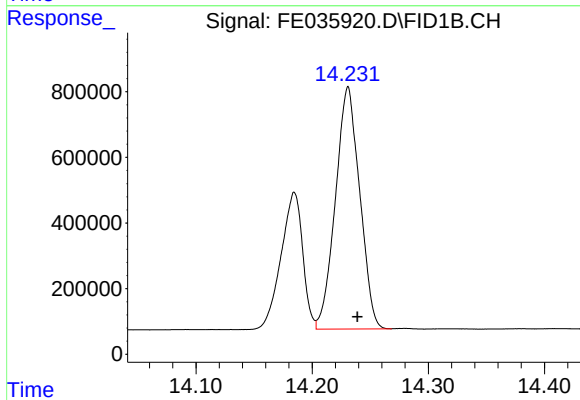
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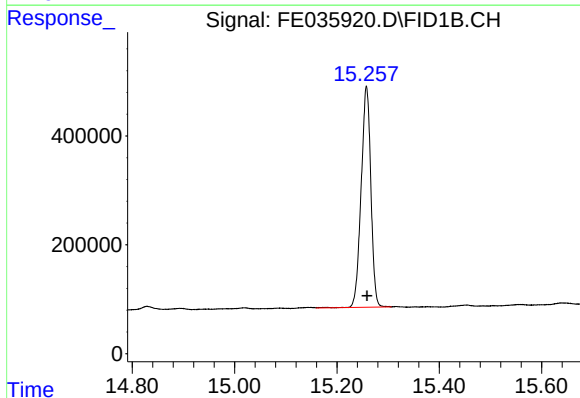
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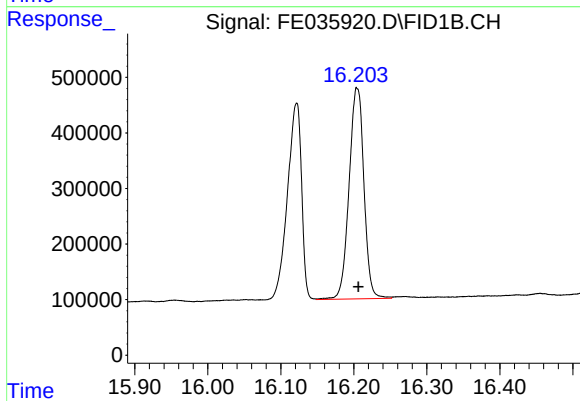
#14 n-Tetracosane (C24)

R.T.: 14.231 min
Delta R.T.: -0.008 min
Response: 10710800
Conc: 88.52 ug/ml



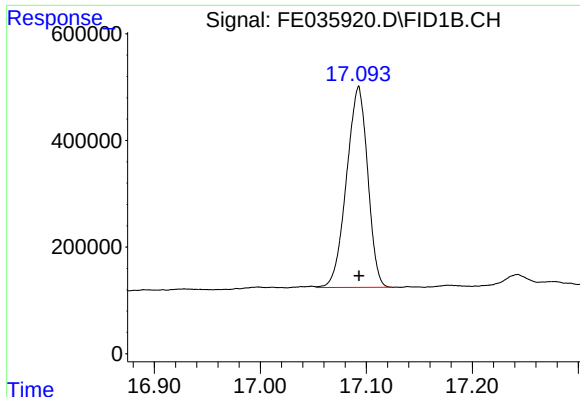
#15 n-Hexacosane (C26)

R.T.: 15.258 min
Delta R.T.: -0.001 min
Response: 5331838
Conc: 44.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.205 min
Delta R.T.: -0.002 min
Response: 5369008
Conc: 44.30 ug/ml



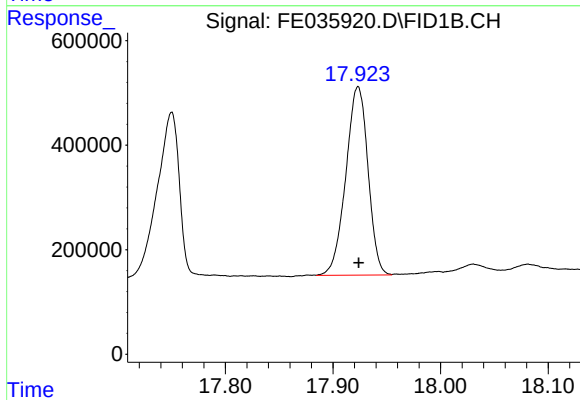
#17 n-Tricontane (C30)

R.T.: 17.093 min
Delta R.T.: 0.000 min
Response: 5230973
Conc: 43.50 ug/ml

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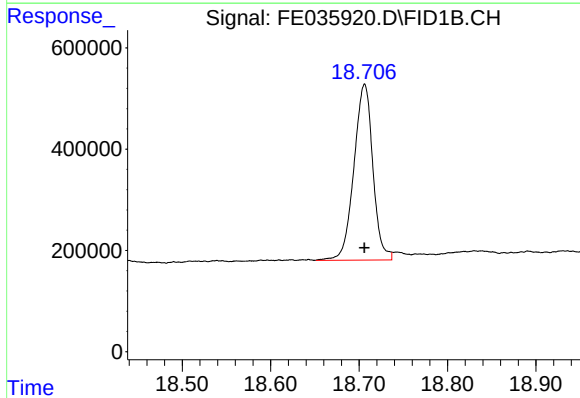
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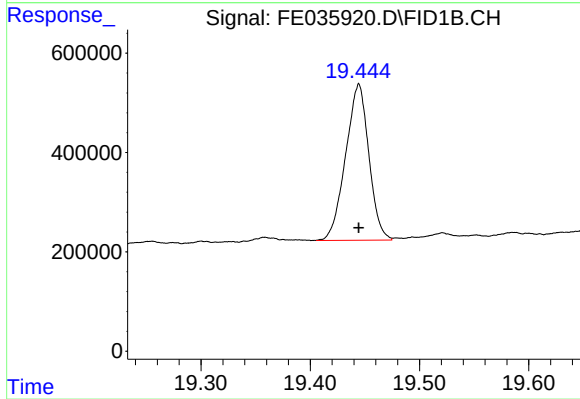
#18 n-Dotriacontane (C32)

R.T.: 17.923 min
Delta R.T.: 0.000 min
Response: 5168508
Conc: 44.97 ug/ml m



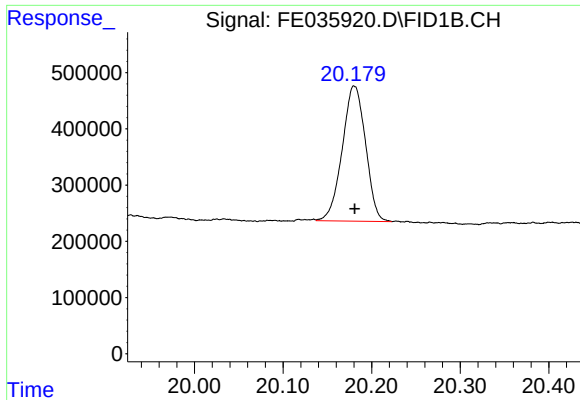
#19 n-Tetratriacontane (C34)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 5178406
Conc: 47.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.444 min
Delta R.T.: 0.000 min
Response: 4651338
Conc: 46.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.179 min
Delta R.T.: -0.002 min
Response: 4389249
Conc: 46.07 ug/ml

Instrument :

FID_E

ClientSampleId :

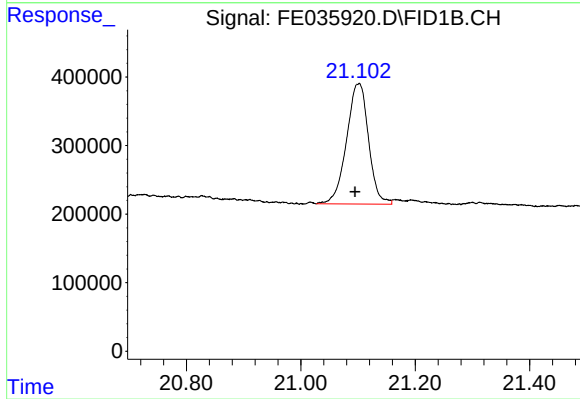
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#22 n-Tetracontane (C40)

R.T.: 21.102 min
Delta R.T.: 0.007 min
Response: 4685430
Conc: 50.17 ug/ml