

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080823AL\
 Data File : FE043815.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 19:33
 Operator : YP\AJ
 Sample : 03920-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-3-080723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: sample.E
 Quant Time: Aug 09 01:59:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.948	7636919	37.059 ug/ml
Spiked Amount 50.000		Recovery =	74.12%
12) S 1-chlorooctadecane (S...	13.387	6041735	38.717 ug/ml
Spiked Amount 50.000		Recovery =	77.43%
Target Compounds			
1) T n-Nonane (C9)	3.331	5575558	34.527 ug/ml
2) T n-Decane (C10)	4.584	6342274	38.481 ug/ml
3) T A~Naphthalene (C11.7)	6.284	7683048	42.198 ug/ml
4) T n-Dodecane (C12)	6.747	7095950	42.399 ug/ml
5) T A~2-methylnaphthalene...	7.380	8045686	45.193 ug/ml
6) T n-Tetradecane (C14)	8.578	7762423	46.073 ug/ml
7) T n-Hexadecane (C16)	10.186	8625217	48.896 ug/ml
8) T n-Octadecane (C18)	11.631	8676160	47.895 ug/ml
10) T n-Eicosane (C20)	12.944	9019552	50.967 ug/ml
11) T n-Heneicosane (C21)	13.556	8641878	48.807 ug/ml
13) T n-Docosane (C22)	14.143	8611412	49.095 ug/ml
14) T n-Tetracosane (C24)	15.247	5888429	33.514 ug/mlm
15) T n-Hexacosane (C26)	16.273	7937463	45.925 ug/ml
16) T n-Octacosane (C28)	17.224	8108461	48.461 ug/ml
17) T n-Tricontane (C30)	18.116	7851048	47.402 ug/ml
18) T n-Dotriacontane (C32)	18.950	7237882	45.841 ug/ml
19) T n-Tetratriacontane (C34)	19.737	7508826	50.531 ug/mlm
20) T n-Hexatriacontane (C36)	20.479	6726515	48.123 ug/mlm
21) T n-Octatriacontane (C38)	21.228	7631606	57.206 ug/mlm
22) T n-Tetracontane (C40)	22.165	7015391	54.371 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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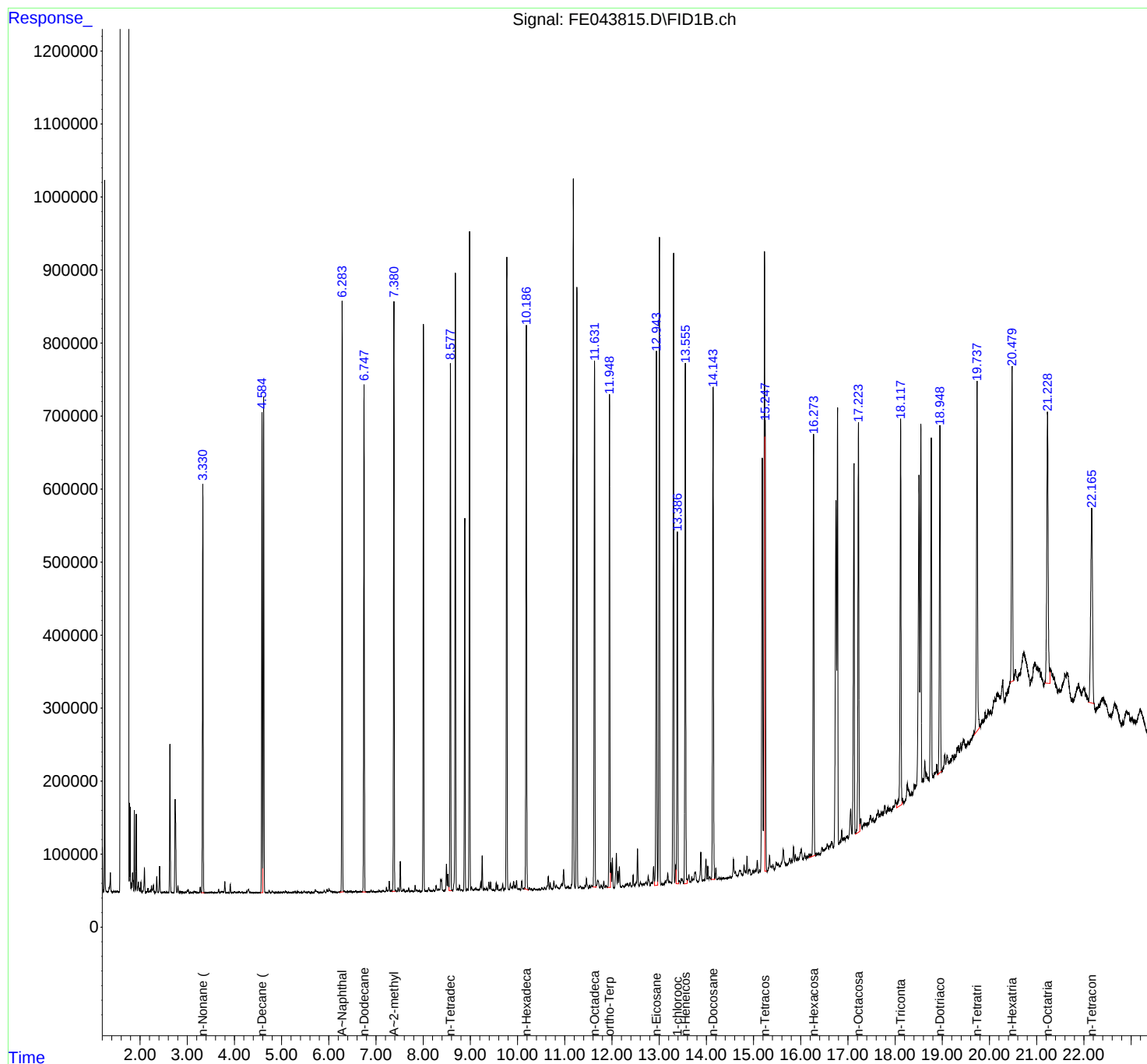
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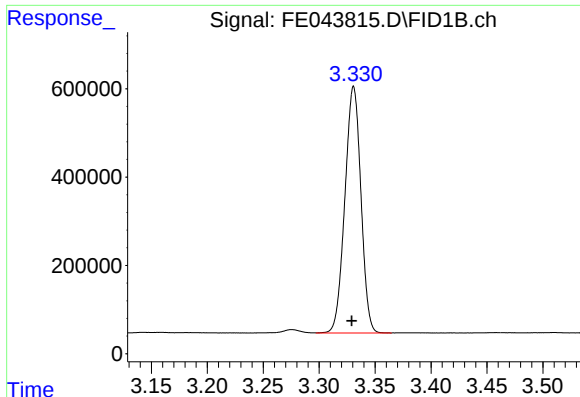
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#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.002 min
Response: 5575558
Conc: 34.53 ug/ml

Instrument :

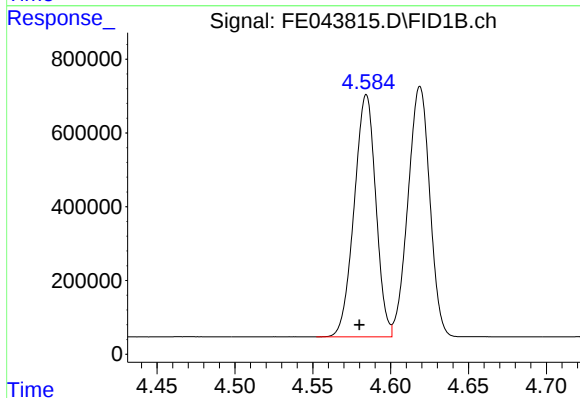
FID_E

ClientSampleId :

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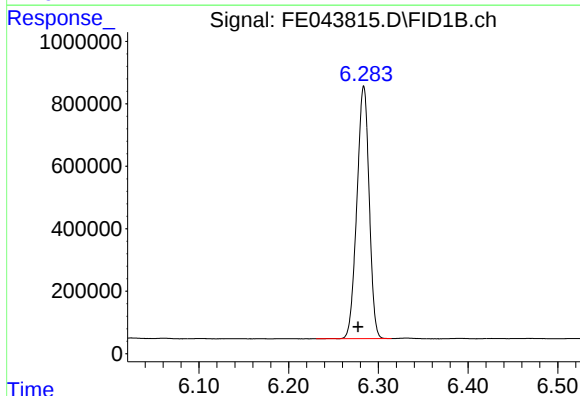
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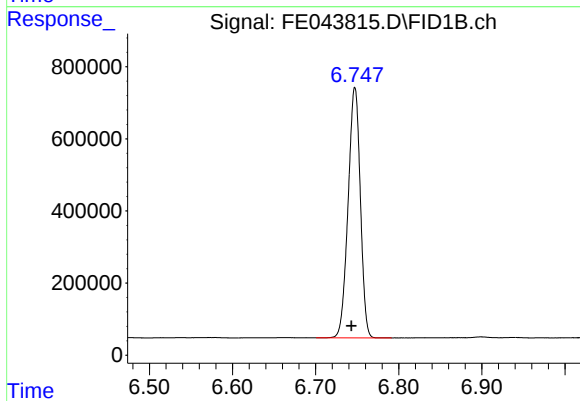
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.005 min
Response: 6342274
Conc: 38.48 ug/ml



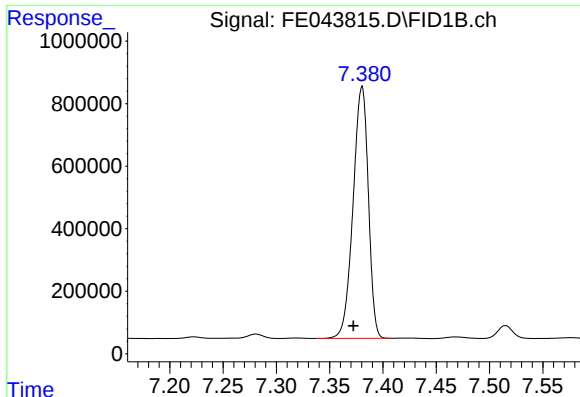
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.006 min
Response: 7683048
Conc: 42.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 7095950
Conc: 42.40 ug/ml



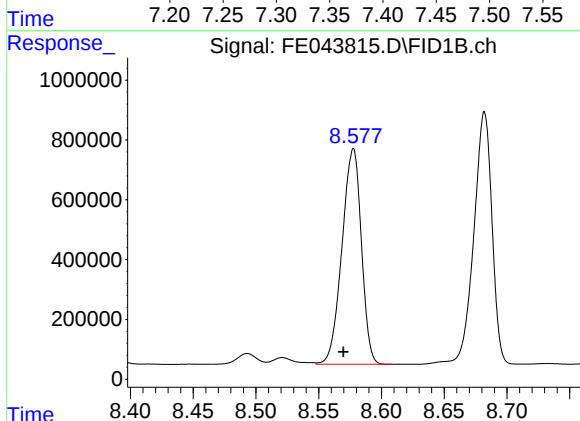
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: 0.008 min
Response: 8045686
Conc: 45.19 ug/ml

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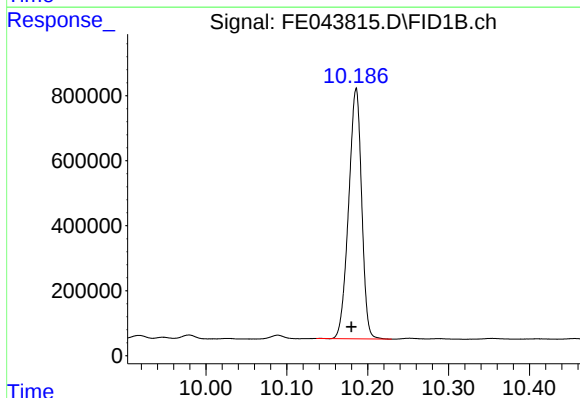
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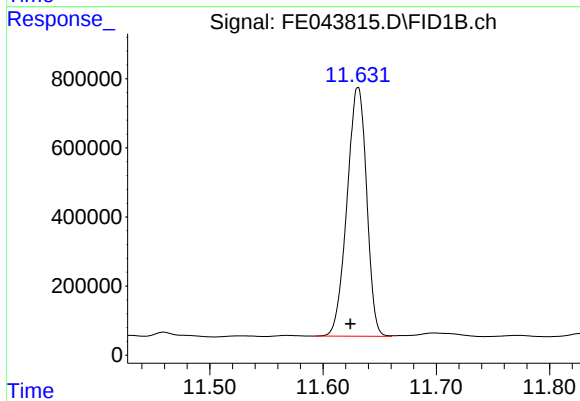
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.008 min
Response: 7762423
Conc: 46.07 ug/ml



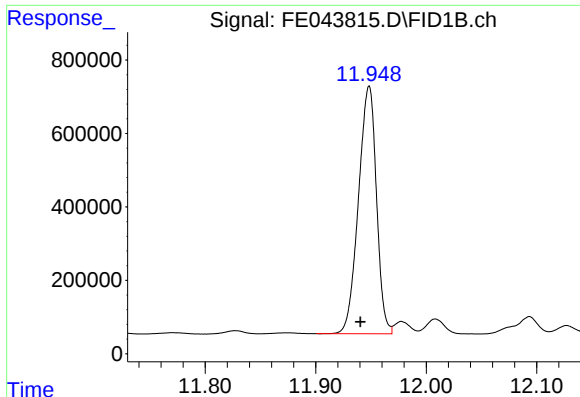
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 8625217
Conc: 48.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 8676160
Conc: 47.90 ug/ml



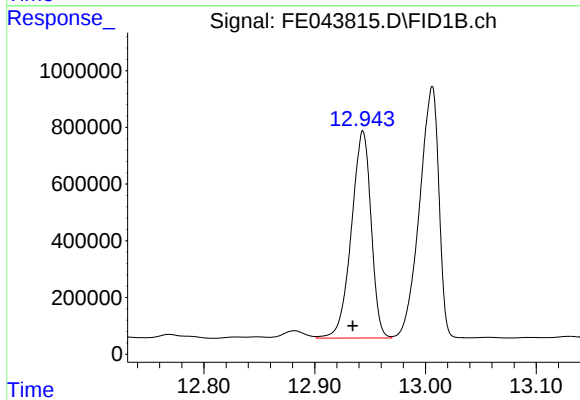
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.008 min
Response: 7636919
Conc: 37.06 ug/ml

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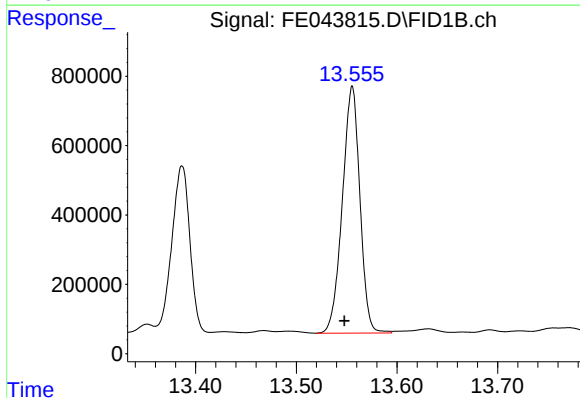
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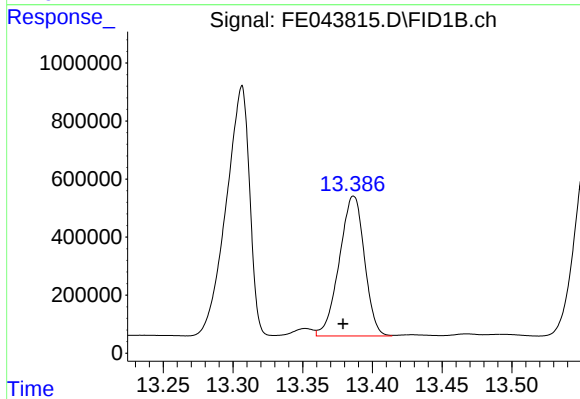
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.009 min
Response: 9019552
Conc: 50.97 ug/ml



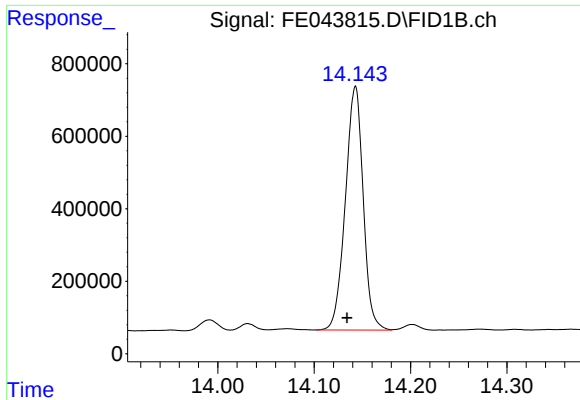
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 8641878
Conc: 48.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.008 min
Response: 6041735
Conc: 38.72 ug/ml



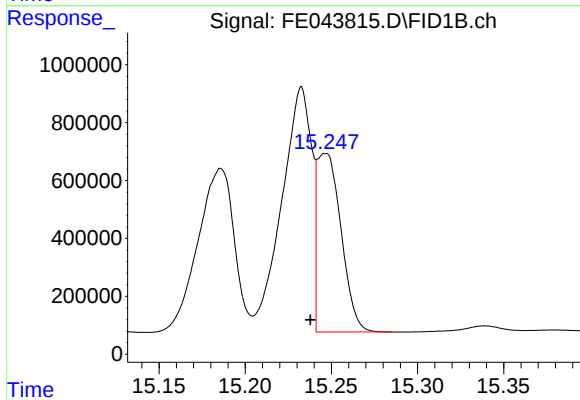
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.009 min
Response: 8611412
Conc: 49.10 ug/ml

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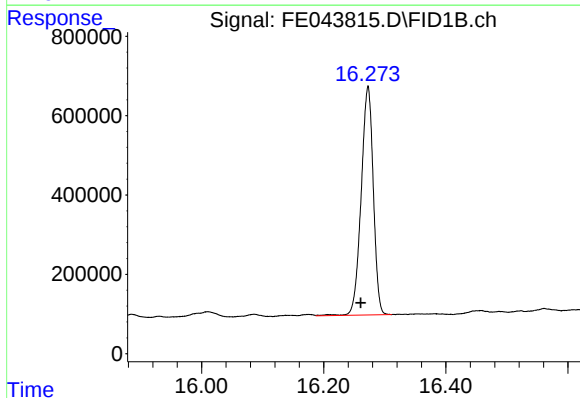
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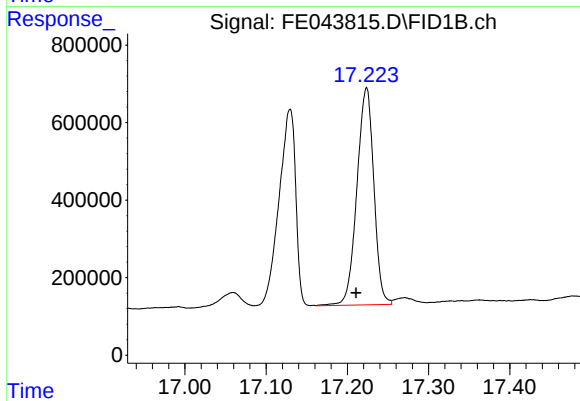
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: 0.009 min
Response: 5888429
Conc: 33.51 ug/ml m



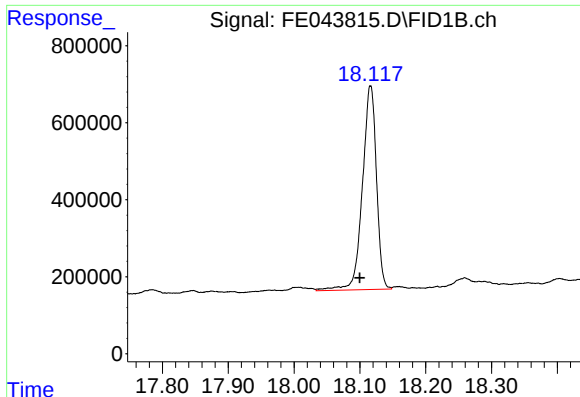
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: 0.012 min
Response: 7937463
Conc: 45.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: 0.013 min
Response: 8108461
Conc: 48.46 ug/ml



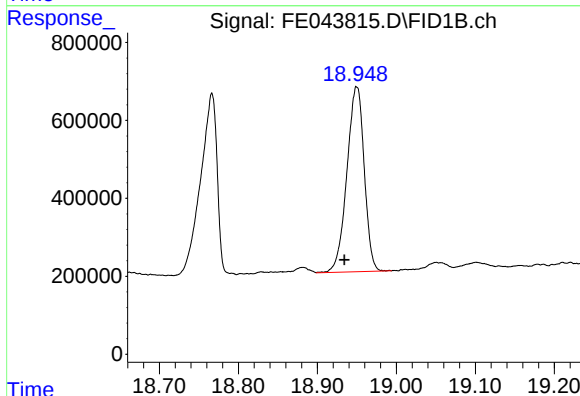
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.017 min
Response: 7851048
Conc: 47.40 ug/ml

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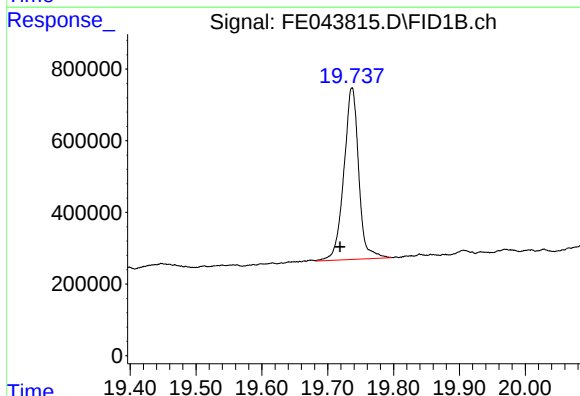
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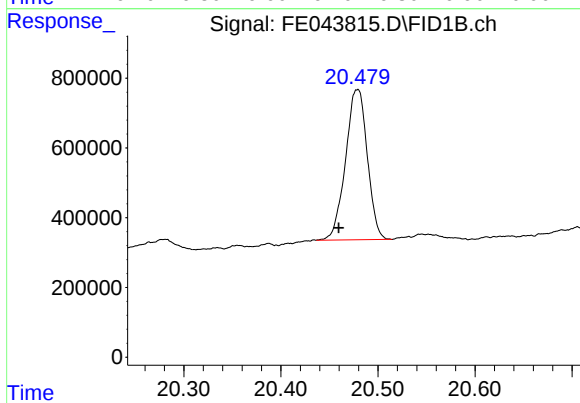
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.016 min
Response: 7237882
Conc: 45.84 ug/ml



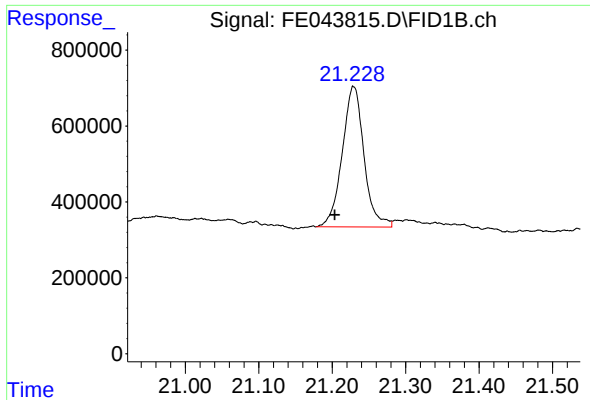
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.019 min
Response: 7508826
Conc: 50.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.019 min
Response: 6726515
Conc: 48.12 ug/ml m



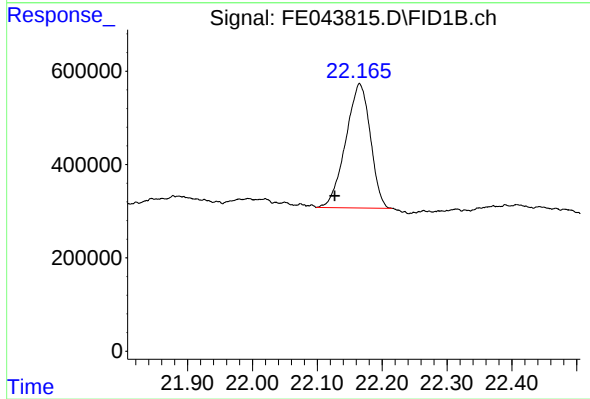
#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: 0.024 min
Response: 7631606
Conc: 57.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.038 min
Response: 7015391
Conc: 54.37 ug/ml m