

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
 Data File : FE041897.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2023 23:16
 Operator : YP\AJ
 Sample : 02760-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-2-051123-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 13 01:52:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.972	3756984	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	13.398	8694425	61.545 ug/ml
Spiked Amount 50.000		Recovery =	123.09%
Target Compounds			
1) T n-Nonane (C9)	3.350	3624966	24.660 ug/ml
2) T n-Decane (C10)	4.604	4129767	27.536 ug/ml
3) T A~Naphthalene (C11.7)	6.310	5111243	30.886 ug/ml
4) T n-Dodecane (C12)	6.772	4990327	32.822 ug/ml
5) T A~2-methylnaphthalene...	7.407	5343410	33.138 ug/ml
6) T n-Tetradecane (C14)	8.603	5496154	36.182 ug/ml
7) T n-Hexadecane (C16)	10.210	5848049	36.646 ug/ml
8) T n-Octadecane (C18)	11.654	6008703	36.658 ug/ml
10) T n-Eicosane (C20)	12.965	5947352	36.976 ug/ml
11) T n-Heneicosane (C21)	13.577	5815083	36.488 ug/ml
13) T n-Docosane (C22)	14.163	5730971	35.969 ug/ml
14) T n-Tetracosane (C24)	15.255	10732568	66.571 ug/ml
15) T n-Hexacosane (C26)	16.289	5425831	34.320 ug/ml
16) T n-Octacosane (C28)	17.237	5255423	34.154 ug/ml
17) T n-Tricontane (C30)	18.127	5174872	33.977 ug/ml
18) T n-Dotriacontane (C32)	18.958	5053335	33.920 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5026809	35.682 ug/ml
20) T n-Hexatriacontane (C36)	20.481	4802370	35.911 ug/mlm
21) T n-Octatriacontane (C38)	21.234	5122713	38.769 ug/ml
22) T n-Tetracontane (C40)	22.172	4985665	39.378 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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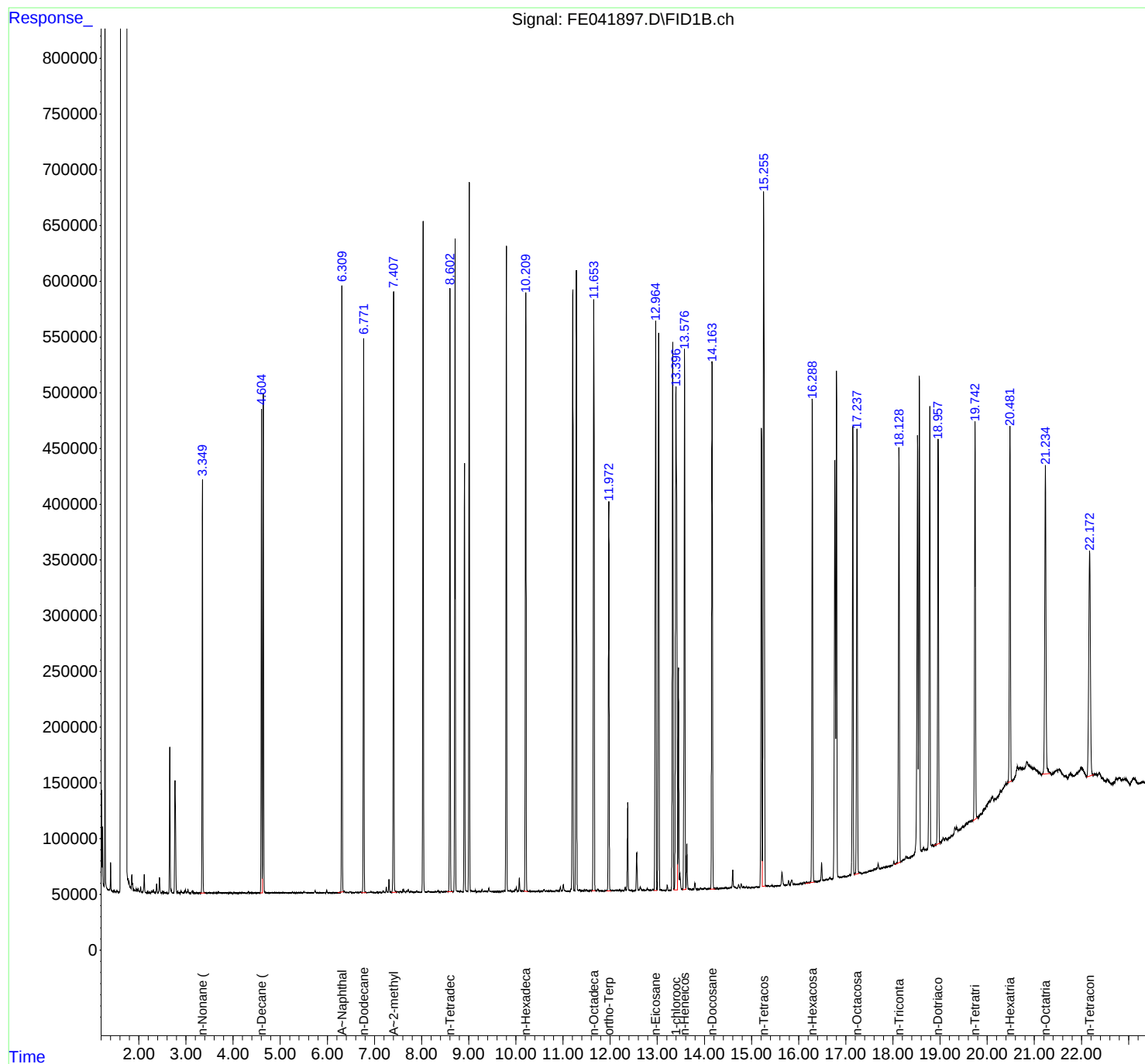
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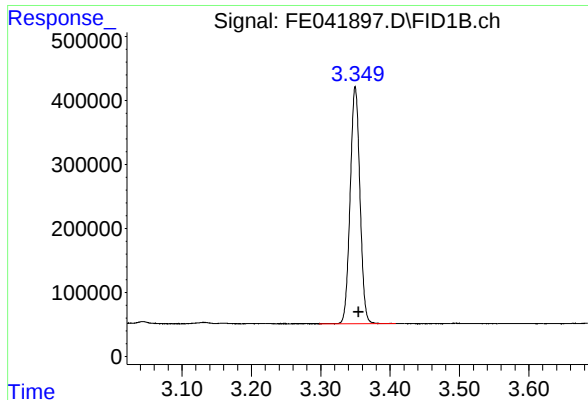
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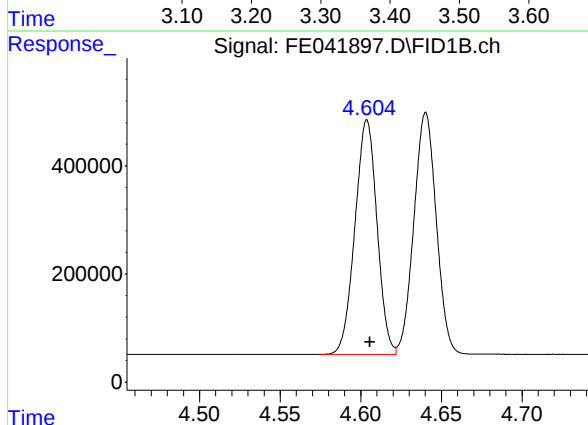
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.005 min
Response: 3624966
Conc: 24.66 ug/ml

Instrument :
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ClientSampleId :
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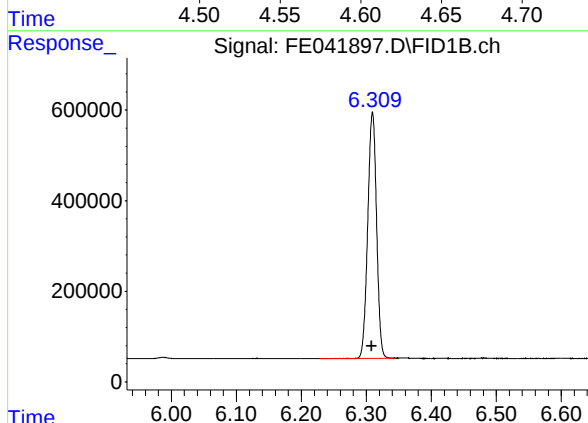
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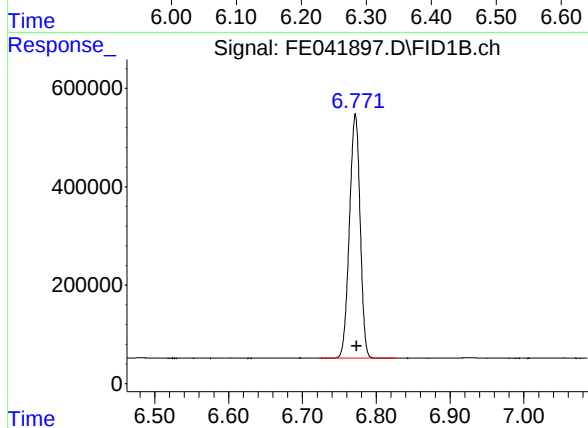
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 4129767
Conc: 27.54 ug/ml



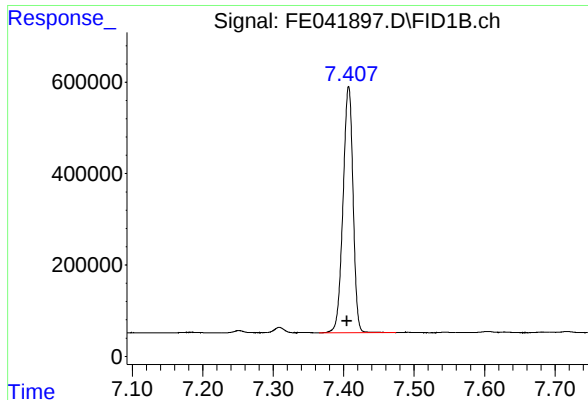
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.001 min
Response: 5111243
Conc: 30.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 4990327
Conc: 32.82 ug/ml



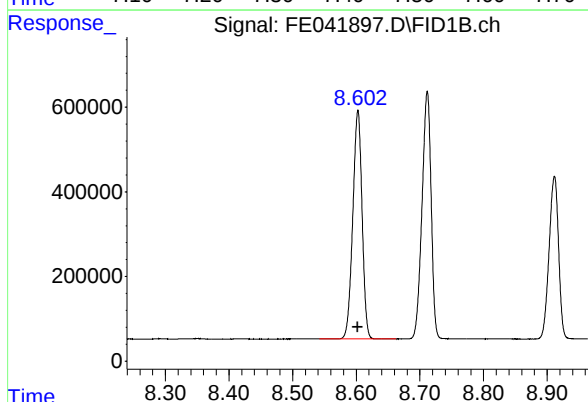
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.003 min
Response: 5343410
Conc: 33.14 ug/ml

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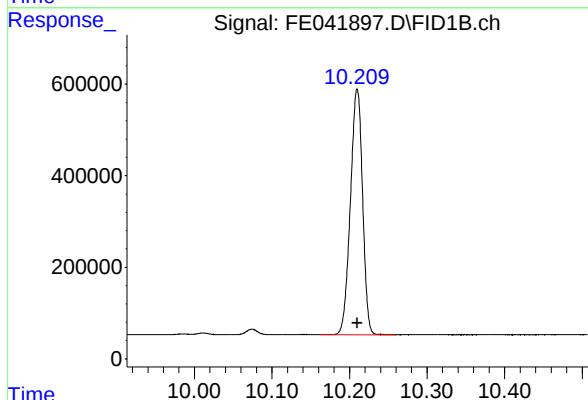
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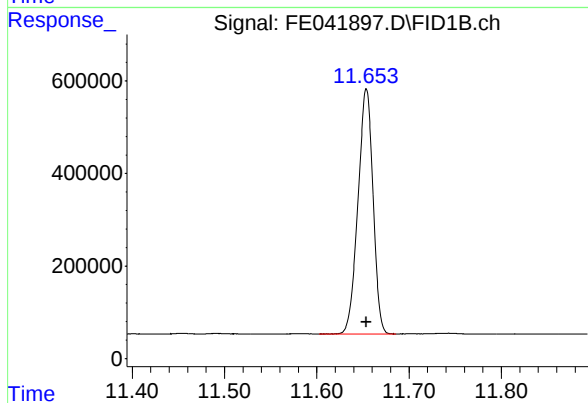
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 5496154
Conc: 36.18 ug/ml



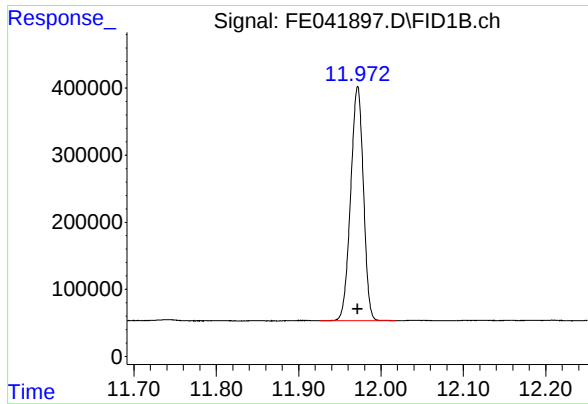
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 5848049
Conc: 36.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 6008703
Conc: 36.66 ug/ml



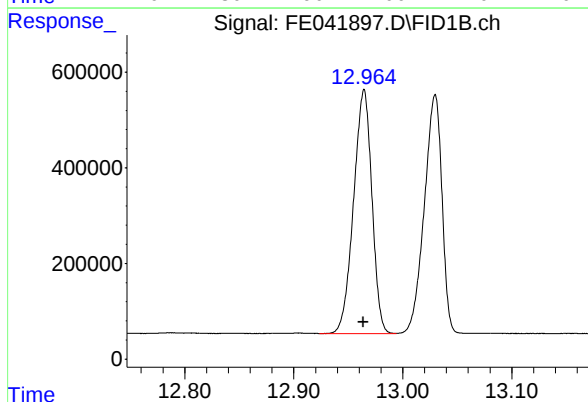
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3756984
Conc: 20.03 ug/ml

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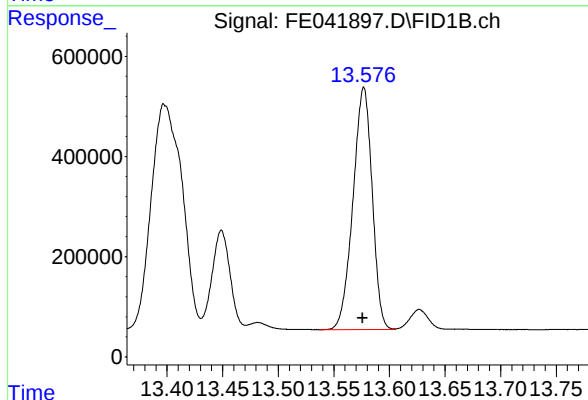
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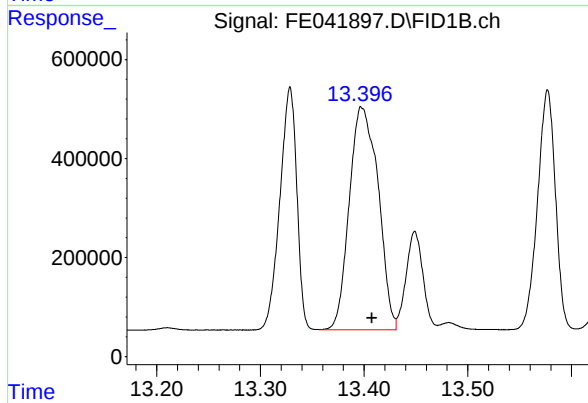
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 5947352
Conc: 36.98 ug/ml



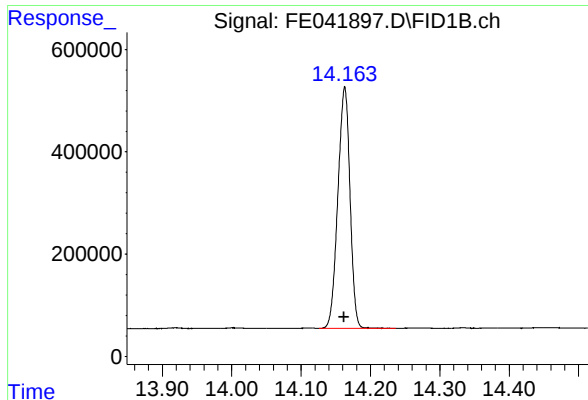
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.001 min
Response: 5815083
Conc: 36.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.010 min
Response: 8694425
Conc: 61.55 ug/ml



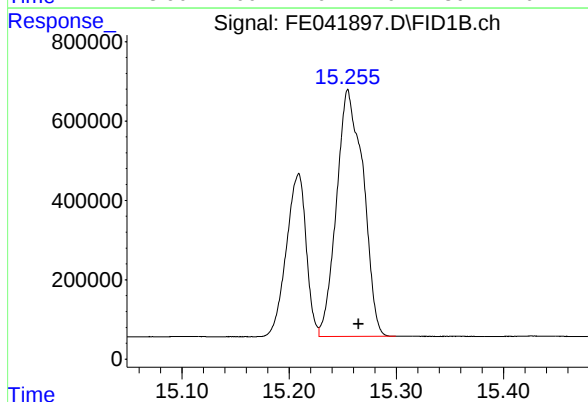
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.001 min
Response: 5730971
Conc: 35.97 ug/ml

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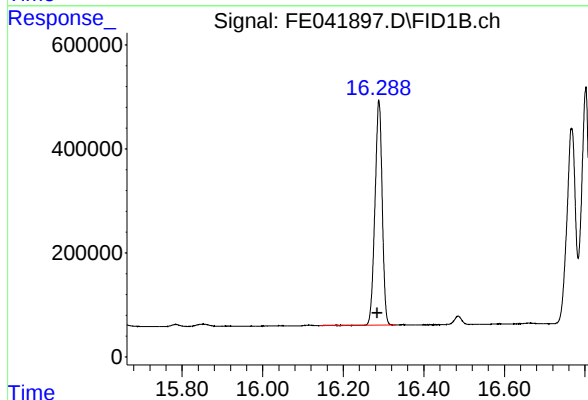
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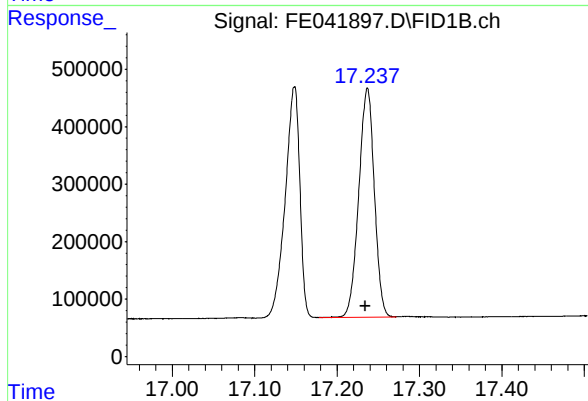
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.010 min
Response: 10732568
Conc: 66.57 ug/ml



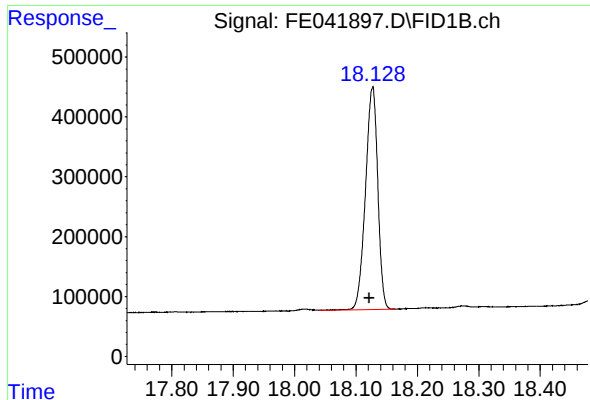
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.004 min
Response: 5425831
Conc: 34.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 5255423
Conc: 34.15 ug/ml



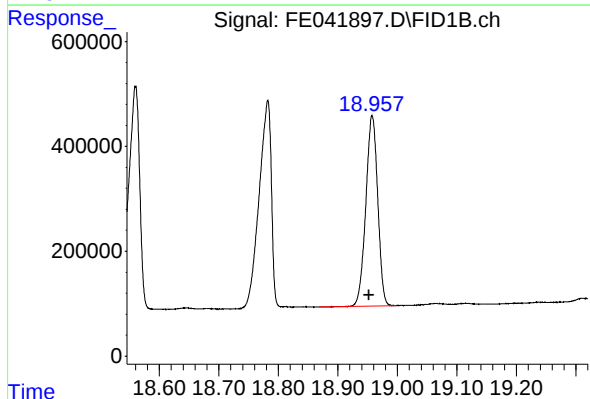
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.006 min
Response: 5174872
Conc: 33.98 ug/ml

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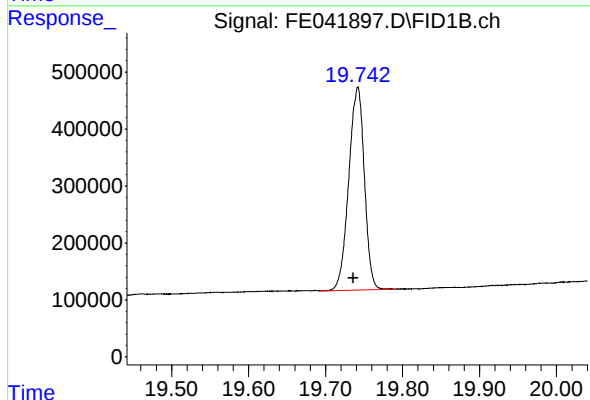
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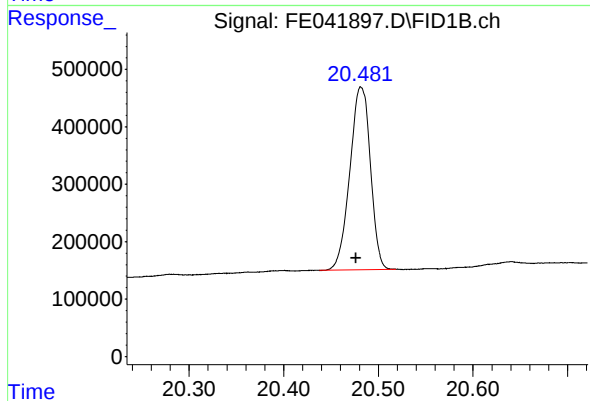
#18 n-Dotriacontane (C32)

R.T.: 18.958 min
Delta R.T.: 0.005 min
Response: 5053335
Conc: 33.92 ug/ml



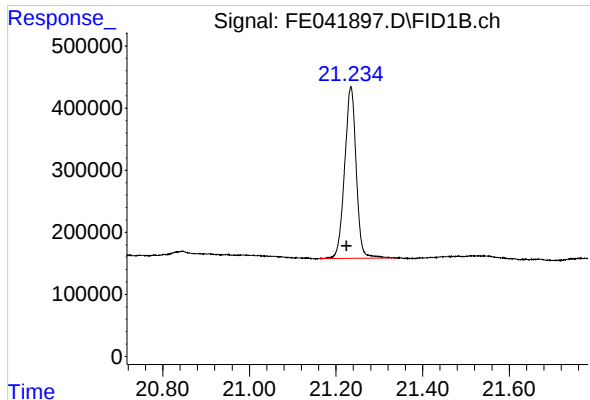
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 5026809
Conc: 35.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.005 min
Response: 4802370
Conc: 35.91 ug/ml m



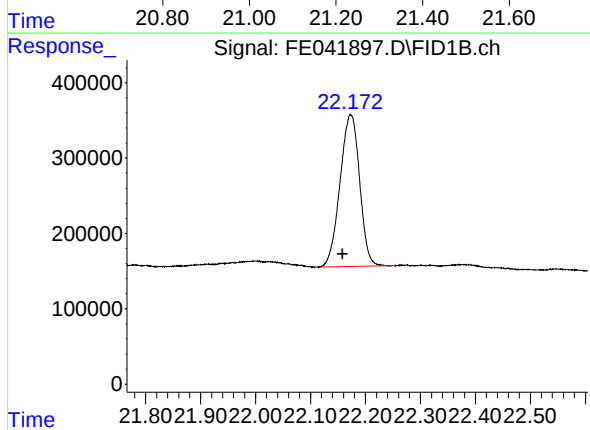
#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.010 min
Response: 5122713
Conc: 38.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.014 min
Response: 4985665
Conc: 39.38 ug/ml m