

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060523AL\
 Data File : FE042373.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2023 09:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2023
 Supervised By :Ankita Jodhani 06/06/2023

Integration File: autoint1.e
 Quant Time: Jun 05 13:26:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.957	3675876	20.817 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
12) S 1-chlorooctadecane (S...	13.393	2705700	20.362 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
Target Compounds			
1) T n-Nonane (C9)	3.333	3043852	21.109 ug/ml
2) T n-Decane (C10)	4.585	3167941	21.400 ug/ml
3) T A~Naphthalene (C11.7)	6.295	3430640	21.026 ug/ml
4) T n-Dodecane (C12)	6.754	3205455	21.376 ug/ml
5) T A~2-methylnaphthalene...	7.393	3306888	20.837 ug/ml
6) T n-Tetradecane (C14)	8.584	3171354	21.170 ug/ml
7) T n-Hexadecane (C16)	10.193	3284311	21.084 ug/ml
8) T n-Octadecane (C18)	11.637	3307194	20.914 ug/ml
10) T n-Eicosane (C20)	12.946	3149132	20.775 ug/ml
11) T n-Heneicosane (C21)	13.559	3076943	20.769 ug/ml
13) T n-Docosane (C22)	14.145	3027956	20.655 ug/ml
14) T n-Tetracosane (C24)	15.250	2962315	20.521 ug/ml
15) T n-Hexacosane (C26)	16.271	2869478	20.719 ug/ml
16) T n-Octacosane (C28)	17.221	2821285	21.073 ug/ml
17) T n-Tricontane (C30)	18.110	2954750	21.888 ug/ml
18) T n-Dotriacontane (C32)	18.943	2950853	22.089 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2841104	21.604 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2714128	20.882 ug/mlm
21) T n-Octatriacontane (C38)	21.217	2805351	20.677 ug/ml
22) T n-Tetracontane (C40)	22.152	2598153	18.676 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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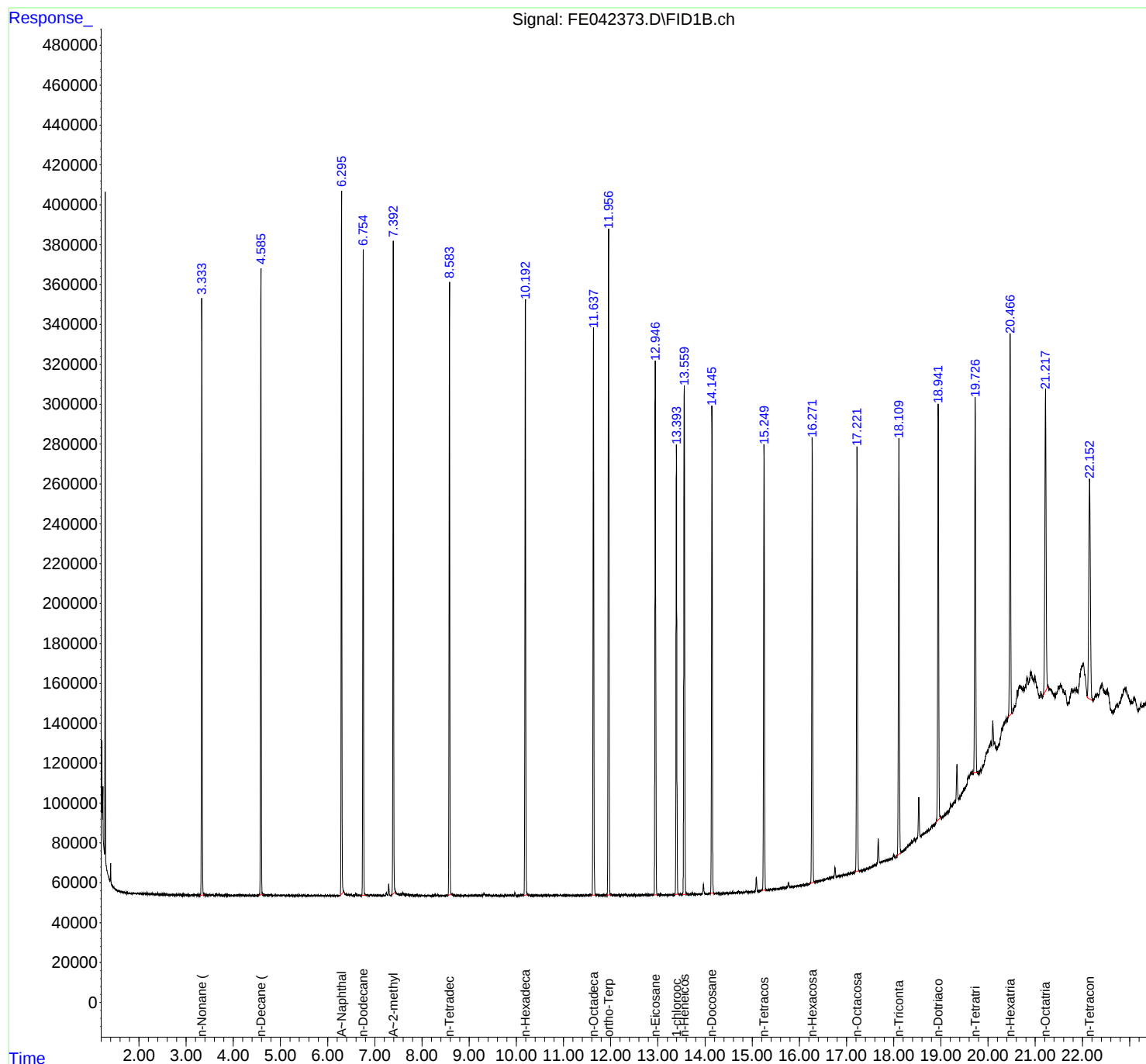
Instrument :
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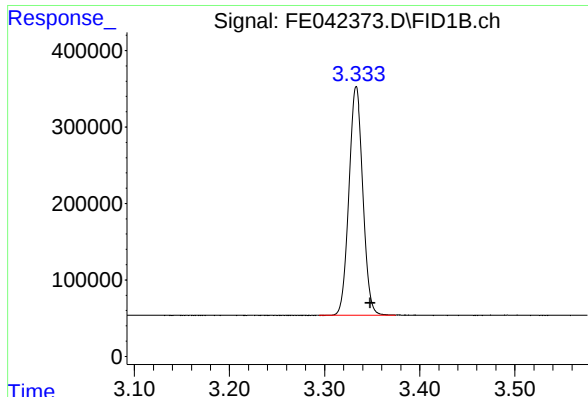
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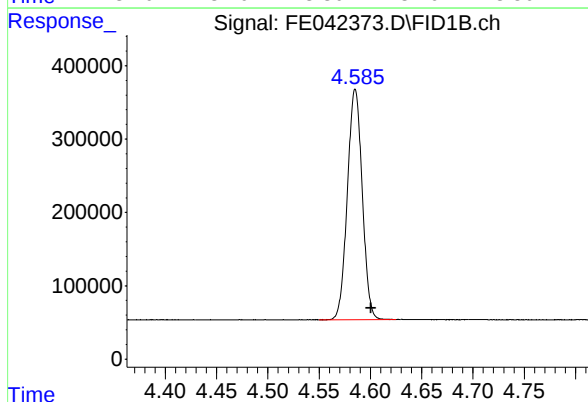
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.015 min
Response: 3043852
Conc: 21.11 ug/ml

Instrument :
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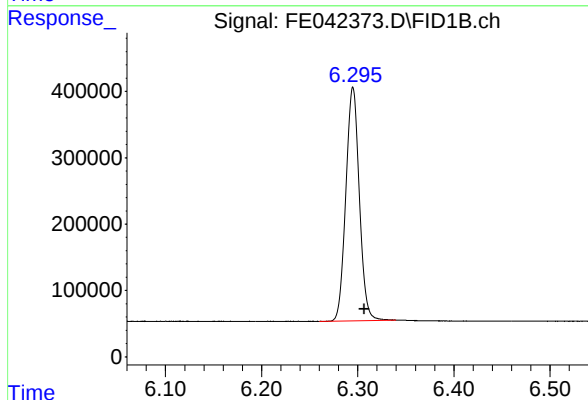
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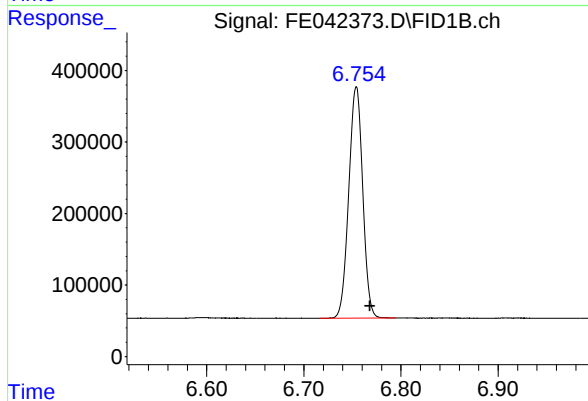
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.015 min
Response: 3167941
Conc: 21.40 ug/ml



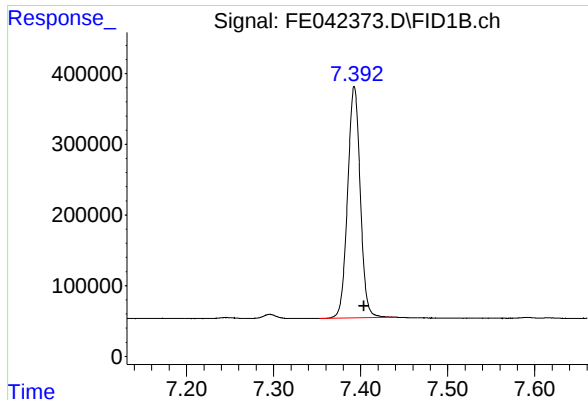
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.012 min
Response: 3430640
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.754 min
Delta R.T.: -0.014 min
Response: 3205455
Conc: 21.38 ug/ml



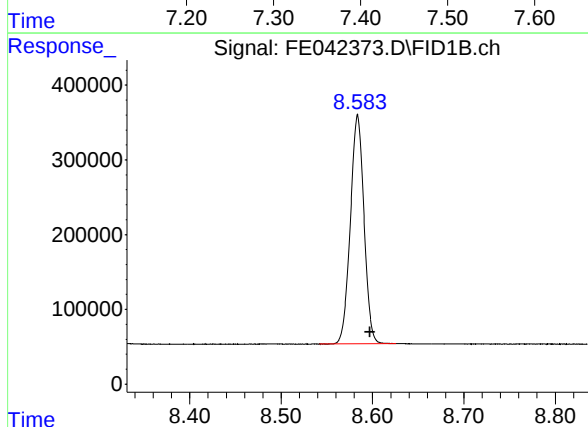
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 3306888
Conc: 20.84 ug/ml

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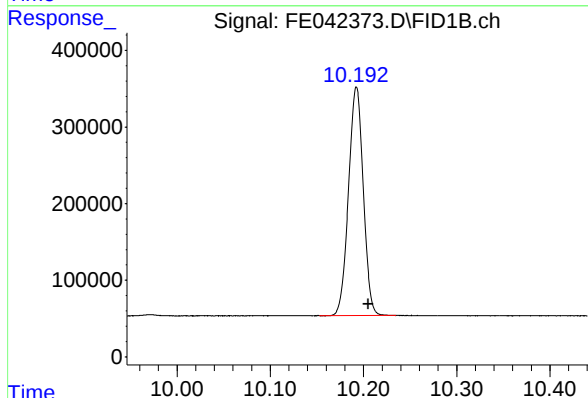
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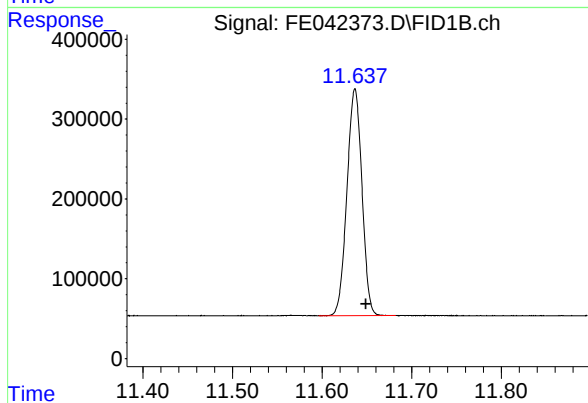
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.014 min
Response: 3171354
Conc: 21.17 ug/ml



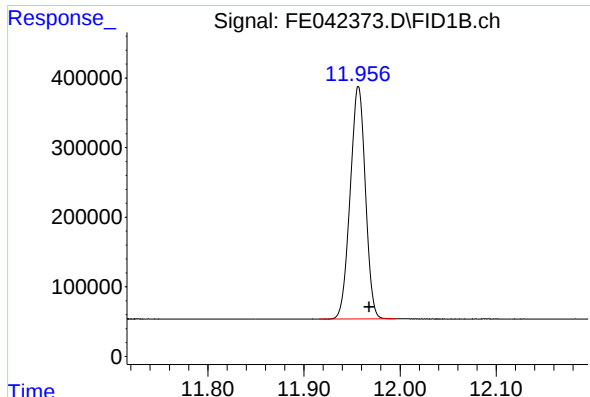
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.013 min
Response: 3284311
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.012 min
Response: 3307194
Conc: 20.91 ug/ml



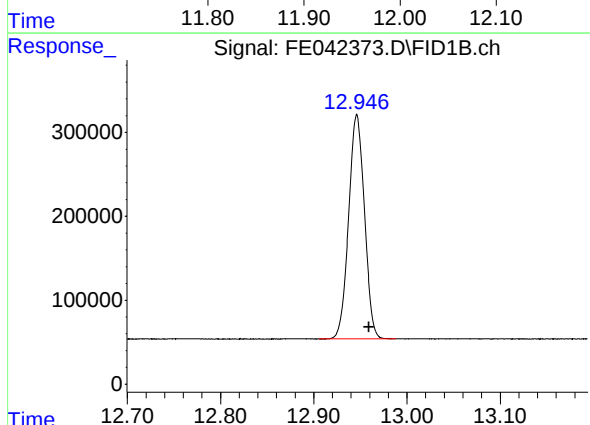
#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.011 min
Response: 3675876
Conc: 20.82 ug/ml

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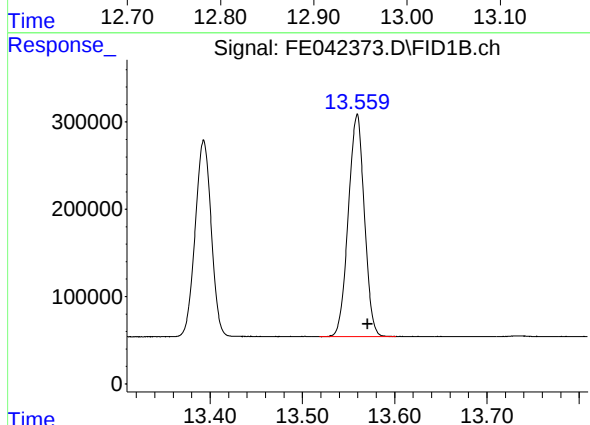
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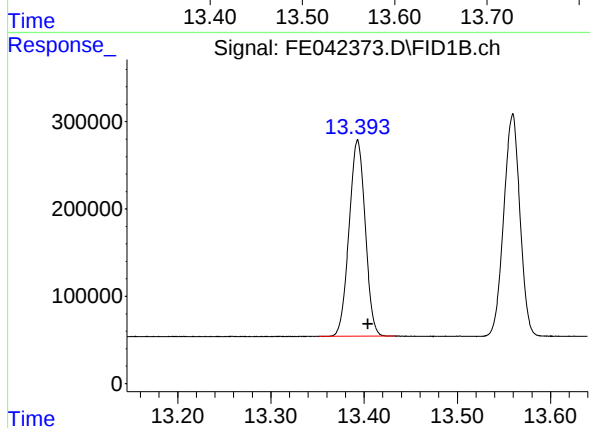
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 3149132
Conc: 20.78 ug/ml



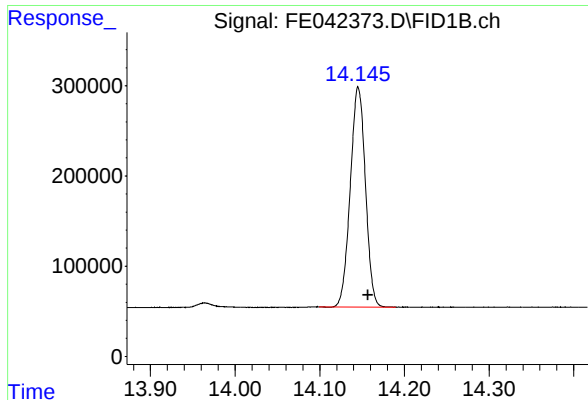
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.011 min
Response: 3076943
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2705700
Conc: 20.36 ug/ml



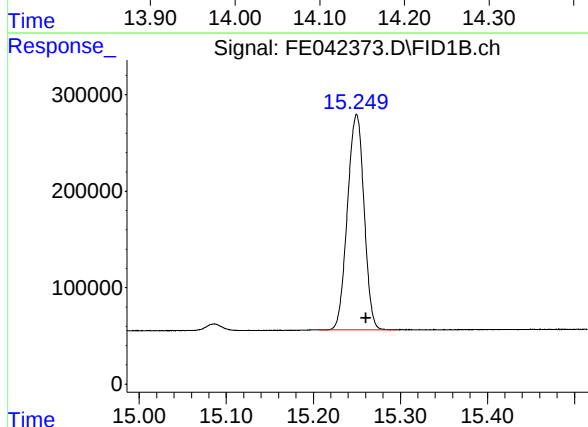
#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.012 min
Response: 3027956
Conc: 20.65 ug/ml

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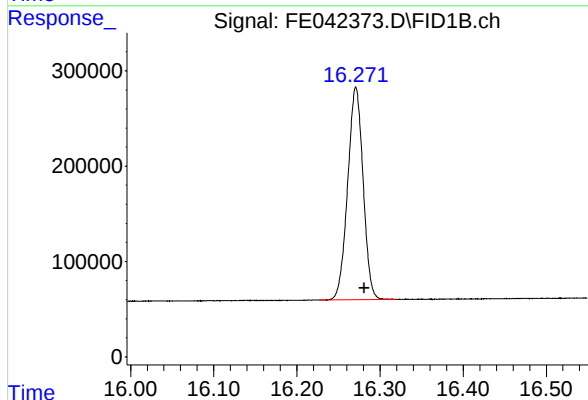
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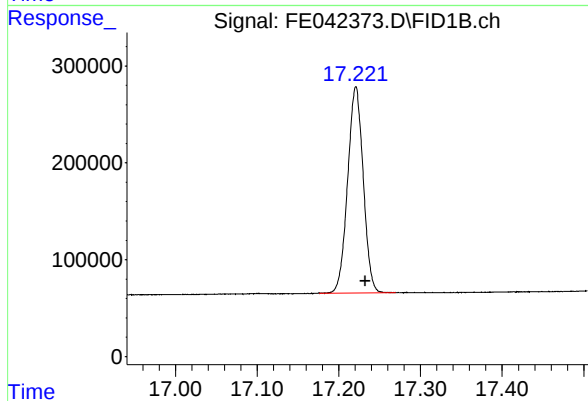
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 2962315
Conc: 20.52 ug/ml



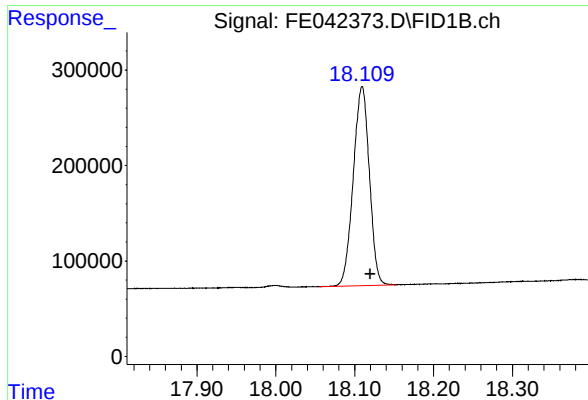
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.010 min
Response: 2869478
Conc: 20.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.011 min
Response: 2821285
Conc: 21.07 ug/ml



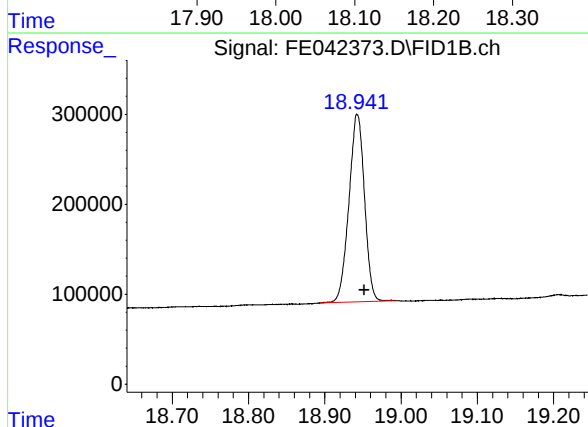
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.010 min
Response: 2954750
Conc: 21.89 ug/ml

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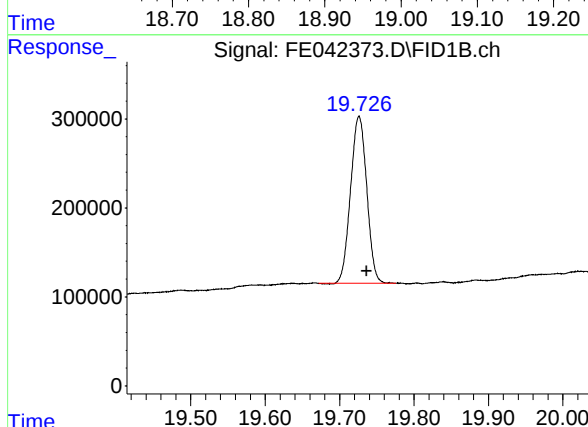
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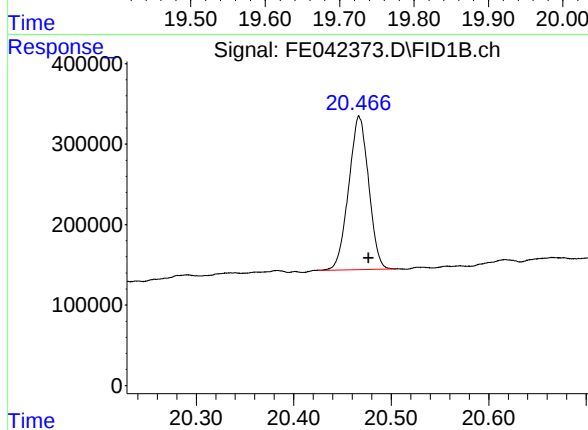
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.009 min
Response: 2950853
Conc: 22.09 ug/ml



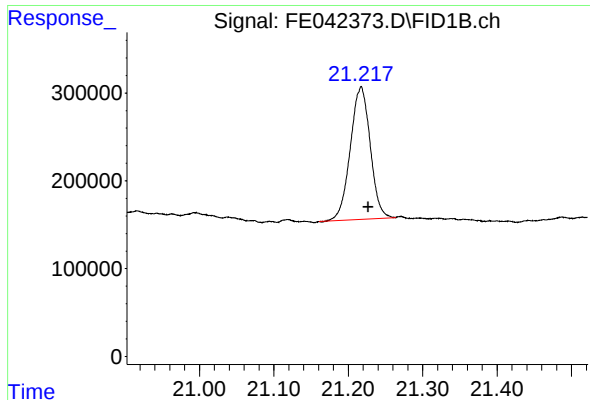
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.010 min
Response: 2841104
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: -0.010 min
Response: 2714128
Conc: 20.88 ug/ml m



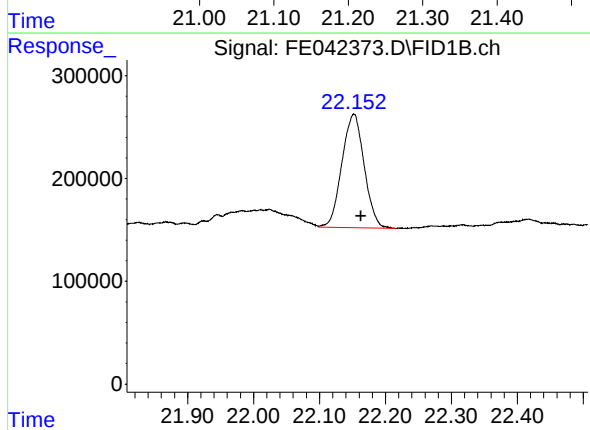
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.010 min
Response: 2805351
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.011 min
Response: 2598153
Conc: 18.68 ug/ml