

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037588.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 14:01
 Operator : YP\AJ
 Sample : N4579-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-25MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 15 15:12:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.627	4007925	23.717 ug/ml
Spiked Amount 50.000		Recovery =	47.43%
12) S 1-chlorooctadecane (S...	13.049	3343076	25.976 ug/ml
Spiked Amount 50.000		Recovery =	51.95%
Target Compounds			
1) T n-Nonane (C9)	3.028	4677286	30.569 ug/ml
2) T n-Decane (C10)	4.284	5312772	34.459 ug/ml
3) T A~Naphthalene (C11.7)	5.995	5820724	40.402 ug/ml
4) T n-Dodecane (C12)	6.454	5992208	37.894 ug/ml
5) T A~2-methylnaphthalene...	7.088	5829304	41.753 ug/ml
6) T n-Tetradecane (C14)	9.872	6562815	41.418 ug/ml
7) T n-Hexadecane (C16)	9.872	6562815	41.418 ug/ml
8) T n-Octadecane (C18)	11.307	6729398	42.259 ug/ml
10) T n-Eicosane (C20)	12.610	6459816	40.828 ug/ml
11) T n-Heneicosane (C21)	13.217	6350435	40.272 ug/ml
13) T n-Docosane (C22)	13.799	6264936	40.245 ug/ml
14) T n-Tetracosane (C24)	14.896	11965256	79.554 ug/ml
15) T n-Hexacosane (C26)	15.913	6103947	42.153 ug/ml
16) T n-Octacosane (C28)	16.855	6349590	45.833 ug/ml
17) T n-Tricontane (C30)	17.741	5839165	42.925 ug/ml
18) T n-Dotriacontane (C32)	18.567	5946696	44.534 ug/ml
19) T n-Tetratriacontane (C34)	19.346	5918390	46.776 ug/ml
20) T n-Hexatriacontane (C36)	20.081	5766171	44.833 ug/mlm
21) T n-Octatriacontane (C38)	20.778	5932545	47.666 ug/mlm
22) T n-Tetracontane (C40)	21.554	6156685	47.758 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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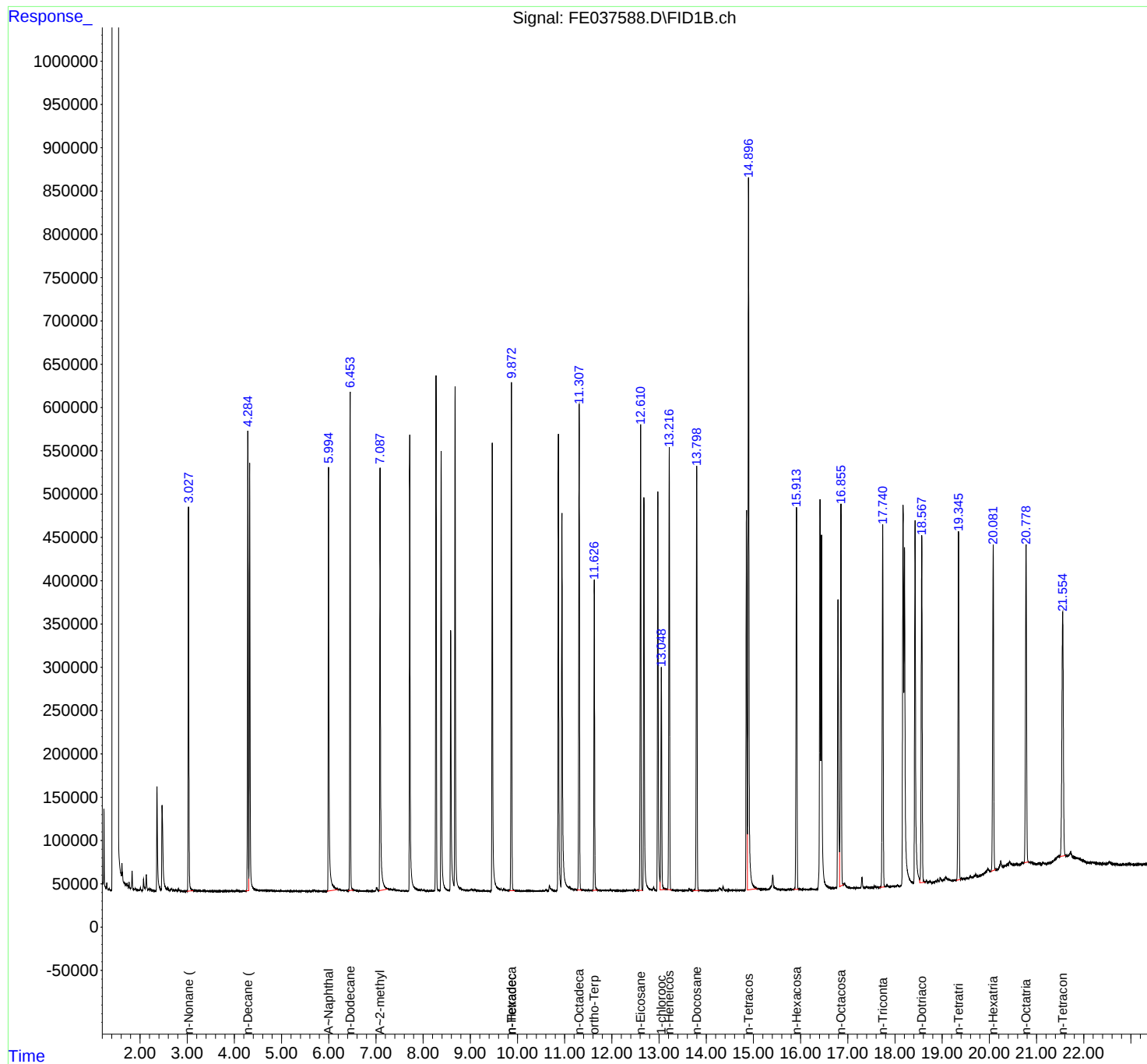
Instrument :
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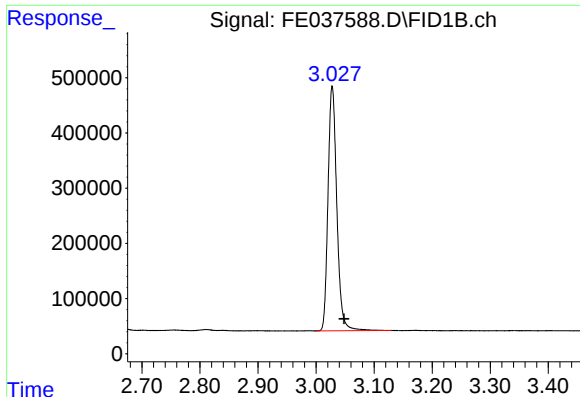
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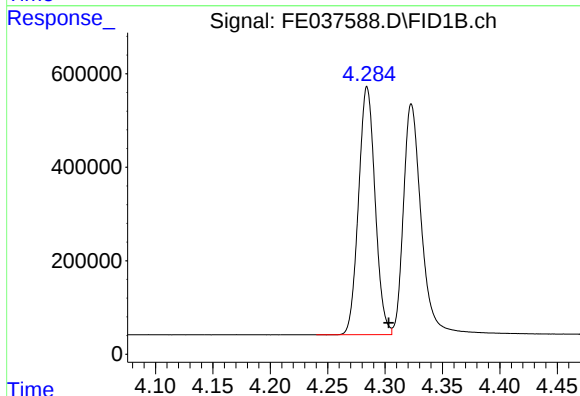
#1 n-Nonane (C9)

R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 4677286
Conc: 30.57 ug/ml

Instrument :
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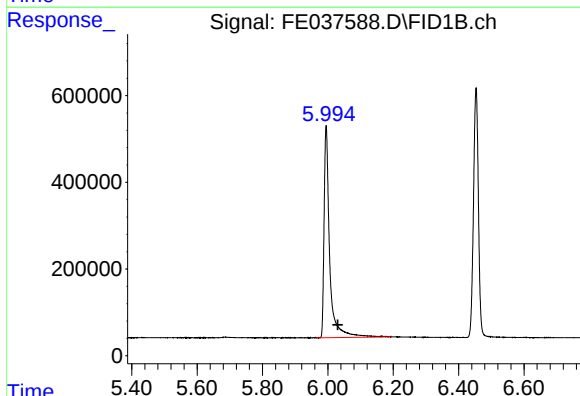
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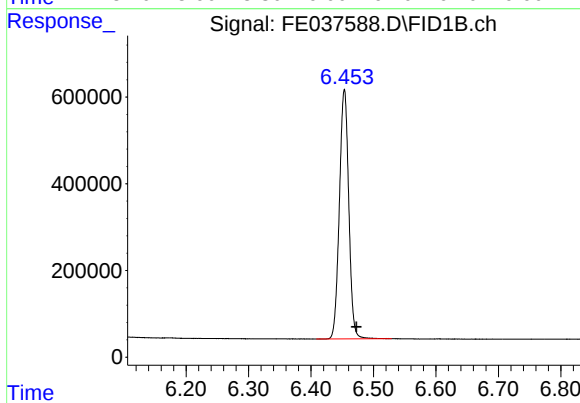
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.019 min
Response: 5312772
Conc: 34.46 ug/ml



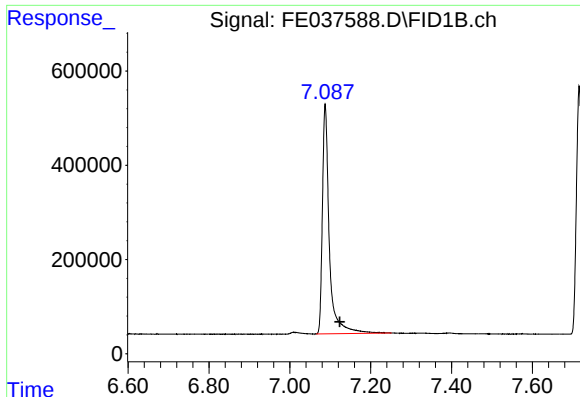
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.036 min
Response: 5820724
Conc: 40.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.019 min
Response: 5992208
Conc: 37.89 ug/ml



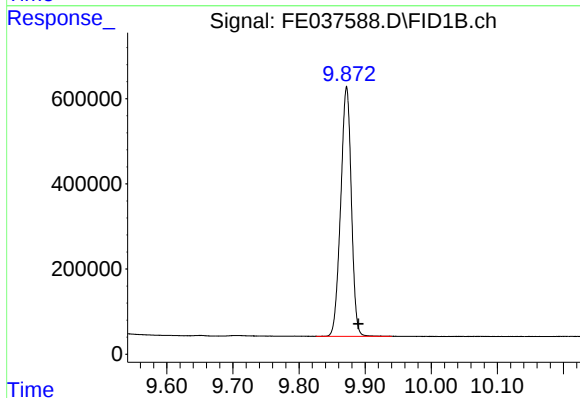
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.036 min
Response: 5829304
Conc: 41.75 ug/ml

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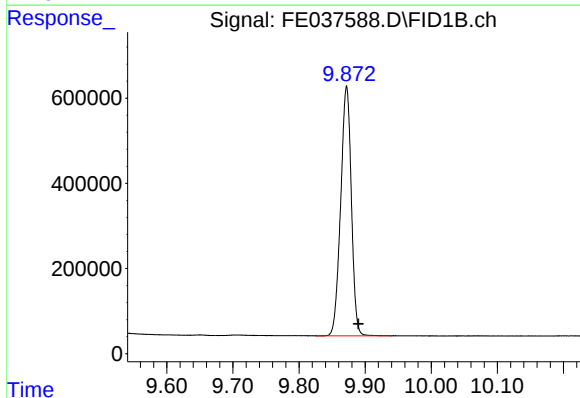
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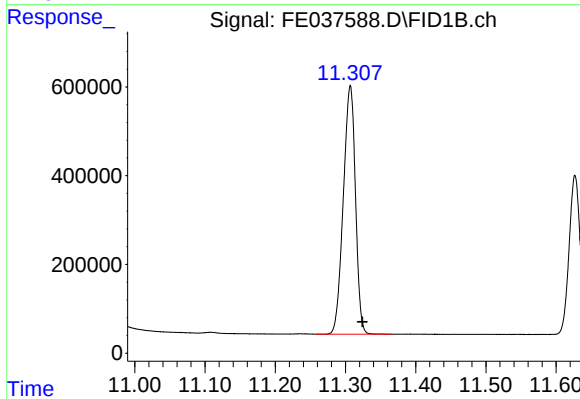
#6 n-Tetradecane (C14)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 6562815
Conc: 41.42 ug/ml



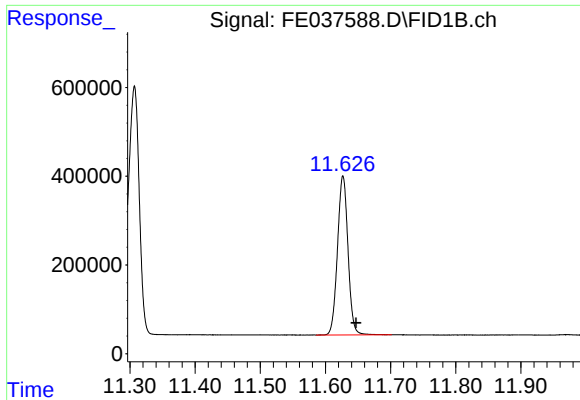
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.018 min
Response: 6562815
Conc: 41.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: -0.017 min
Response: 6729398
Conc: 42.26 ug/ml



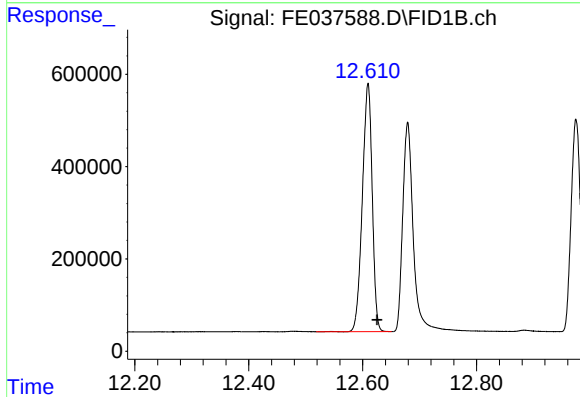
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4007925
Conc: 23.72 ug/ml

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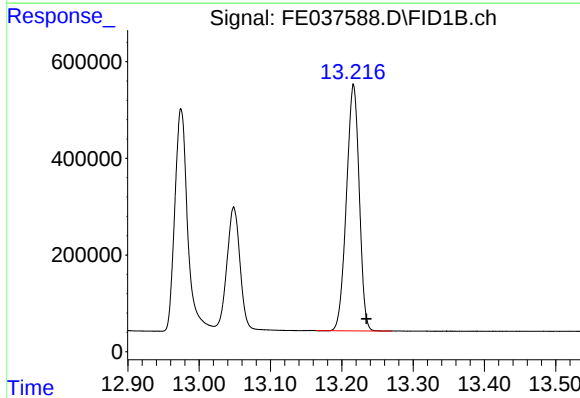
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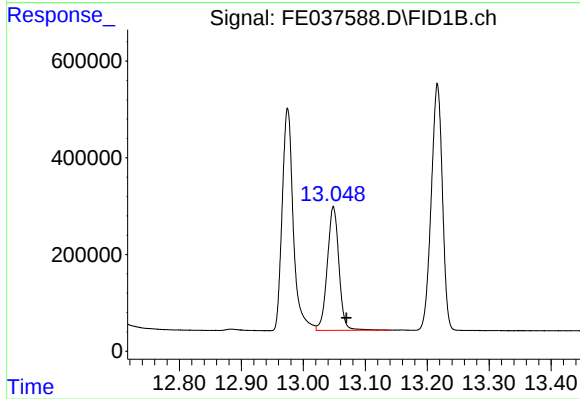
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.016 min
Response: 6459816
Conc: 40.83 ug/ml



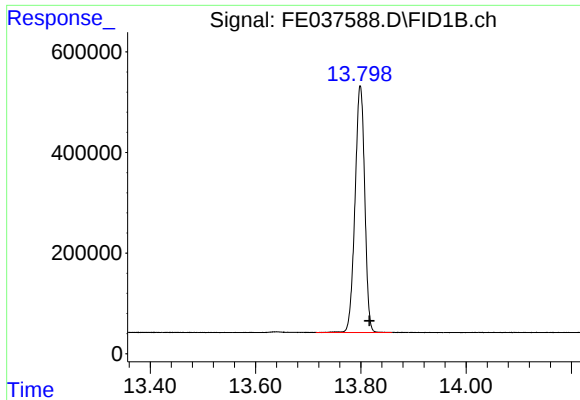
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.018 min
Response: 6350435
Conc: 40.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 3343076
Conc: 25.98 ug/ml



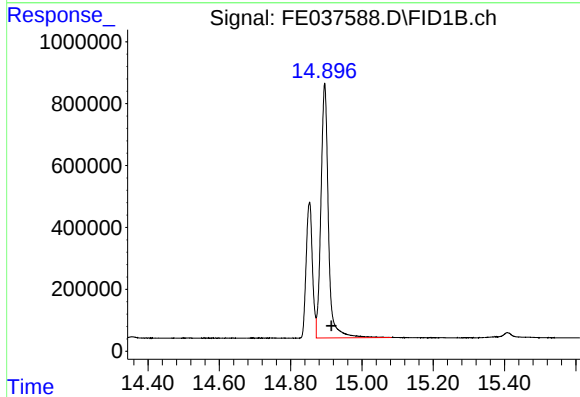
#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.017 min
Response: 6264936
Conc: 40.25 ug/ml

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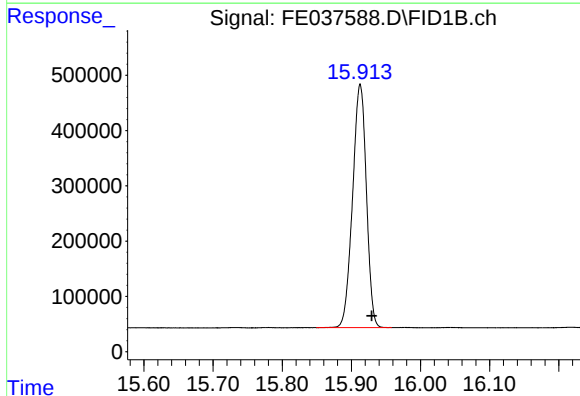
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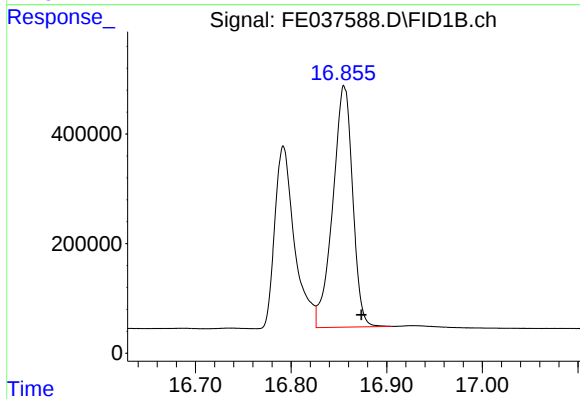
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.019 min
Response: 11965256
Conc: 79.55 ug/ml



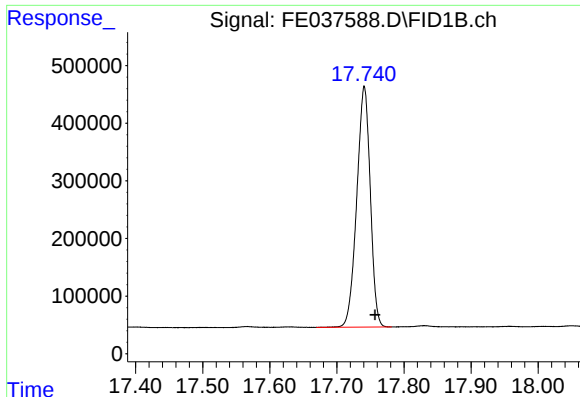
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.017 min
Response: 6103947
Conc: 42.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.018 min
Response: 6349590
Conc: 45.83 ug/ml



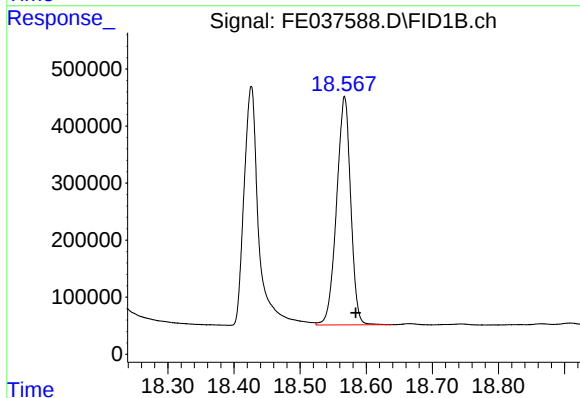
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.016 min
Response: 5839165
Conc: 42.93 ug/ml

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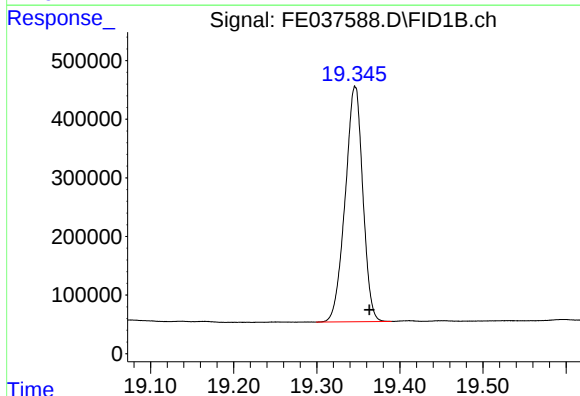
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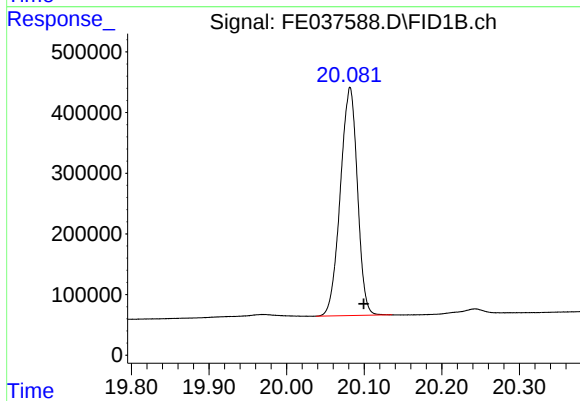
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.017 min
Response: 5946696
Conc: 44.53 ug/ml



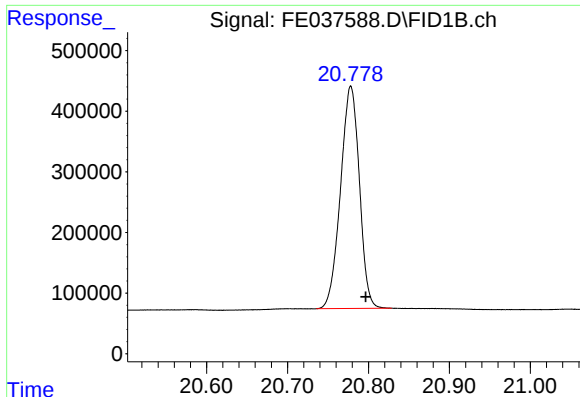
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.017 min
Response: 5918390
Conc: 46.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.018 min
Response: 5766171
Conc: 44.83 ug/ml m



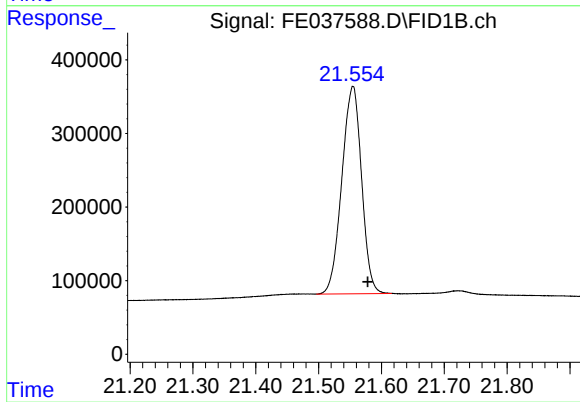
#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.019 min
Response: 5932545
Conc: 47.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: -0.025 min
Response: 6156685
Conc: 47.76 ug/ml m