

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061423AL\  
 Data File : FE042610.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Jun 2023 14:22  
 Operator : YP\AJ  
 Sample : PB153419BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 PB153419BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/15/2023  
 Supervised By :Ankita Jodhani 06/15/2023

Integration File: autoint1.e  
 Quant Time: Jun 15 01:25:54 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	7872636	44.584 ug/ml
Spiked Amount	50.000	Recovery =	89.17%
12) S 1-chlorooctadecane (S...	13.378	5999595	45.151 ug/ml
Spiked Amount	50.000	Recovery =	90.30%
Target Compounds			
1) T n-Nonane (C9)	3.331	6288974	43.614 ug/ml
2) T n-Decane (C10)	4.577	6658907	44.982 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	7357954	45.096 ug/ml
4) T n-Dodecane (C12)	6.740	7139315	47.610 ug/ml
5) T A~2-methylnaphthalene...	7.377	7228886	45.550 ug/ml
6) T n-Tetradecane (C14)	8.571	7479637	49.928 ug/ml
7) T n-Hexadecane (C16)	10.178	7799099	50.068 ug/ml
8) T n-Octadecane (C18)	11.623	7762578	49.089 ug/ml
10) T n-Eicosane (C20)	12.933	7646719	50.446 ug/ml
11) T n-Heneicosane (C21)	13.544	7274786	49.103 ug/ml
13) T n-Docosane (C22)	14.130	7137735	48.689 ug/ml
14) T n-Tetracosane (C24)	15.227	13389995	92.757 ug/ml
15) T n-Hexacosane (C26)	16.256	6697165	48.356 ug/ml
16) T n-Octacosane (C28)	17.205	6524248	48.731 ug/ml
17) T n-Tricontane (C30)	18.096	6518153	48.286 ug/ml
18) T n-Dotriacontane (C32)	18.926	6411932	47.997 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6566436	49.931 ug/ml
20) T n-Hexatriacontane (C36)	20.451	6439103	49.542 ug/ml
21) T n-Octatriacontane (C38)	21.197	6693885	49.338 ug/mlm
22) T n-Tetracontane (C40)	22.127	6972530	50.119 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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**Manual Integrations**

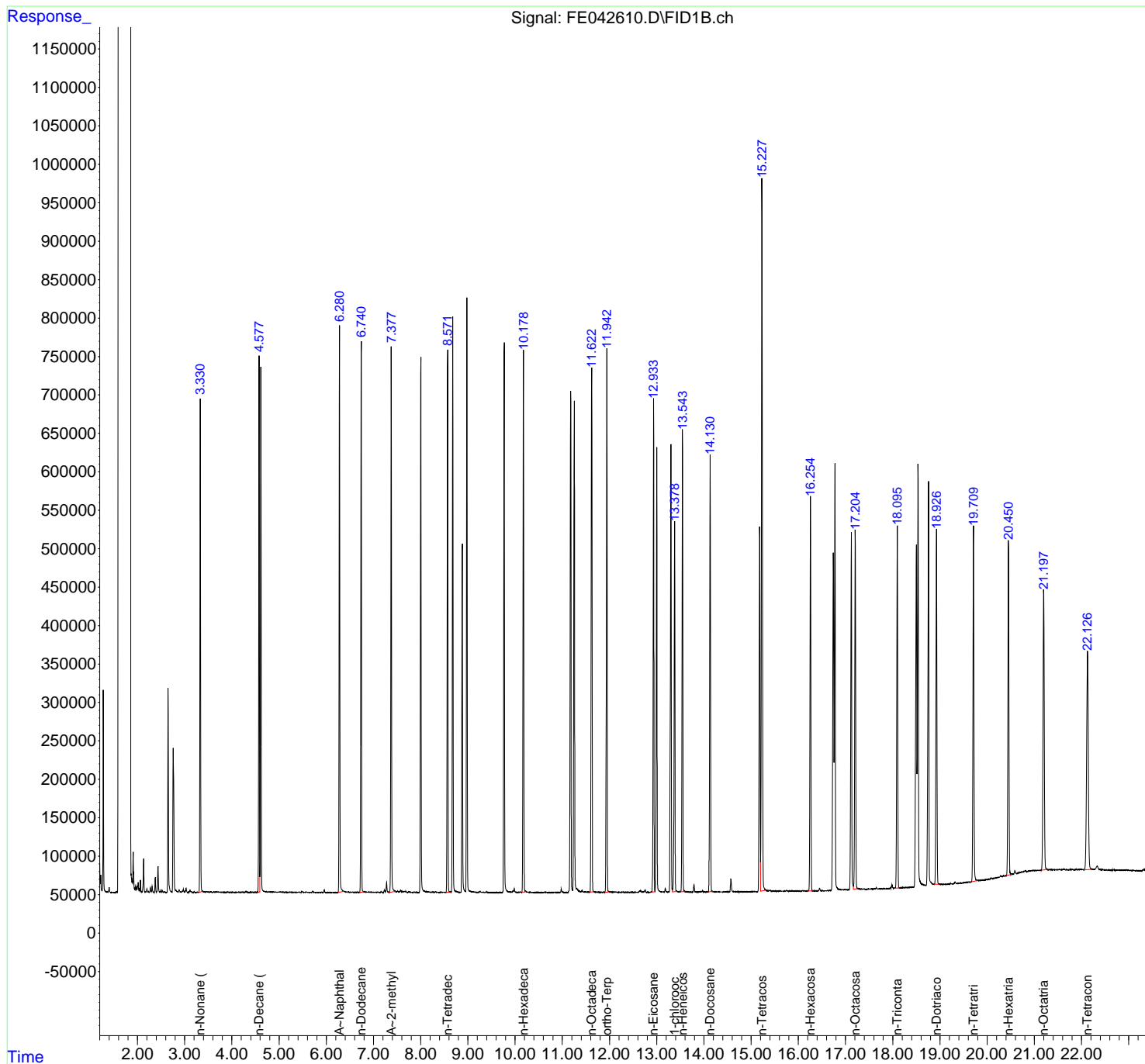
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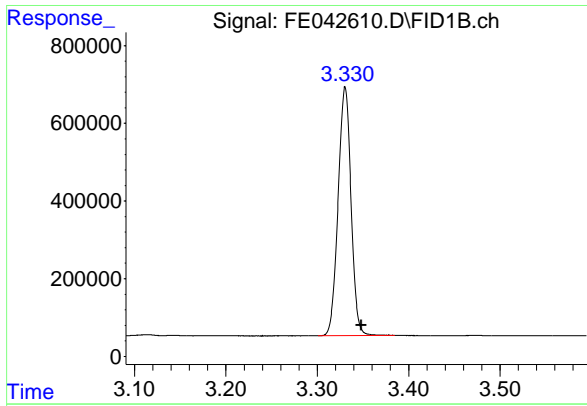
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 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.331 min  
 Delta R.T.: -0.017 min  
 Response: 6288974  
 Conc: 43.61 ug/ml

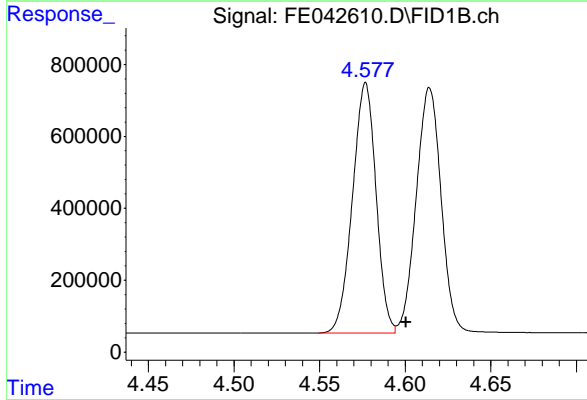
Instrument :

FID\_E

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 PB153419BS

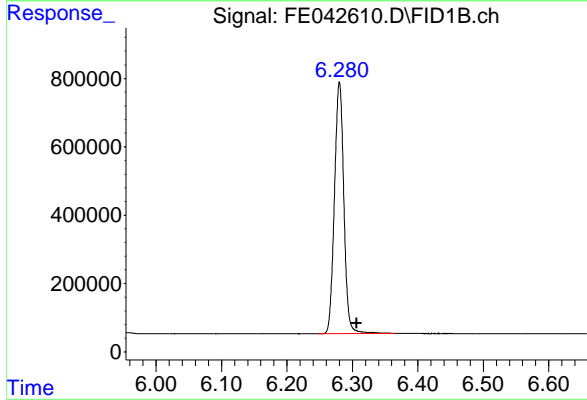
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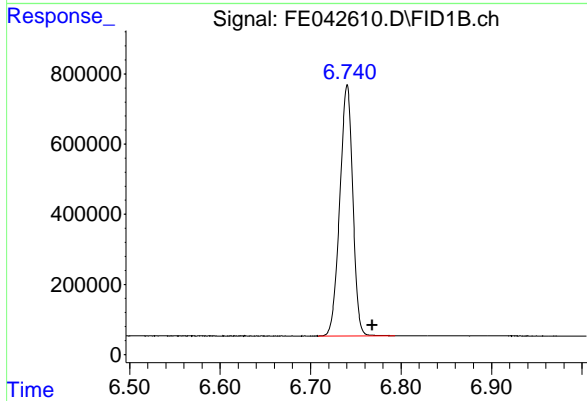
#2 n-Decane (C10)

R.T.: 4.577 min  
 Delta R.T.: -0.024 min  
 Response: 6658907  
 Conc: 44.98 ug/ml m



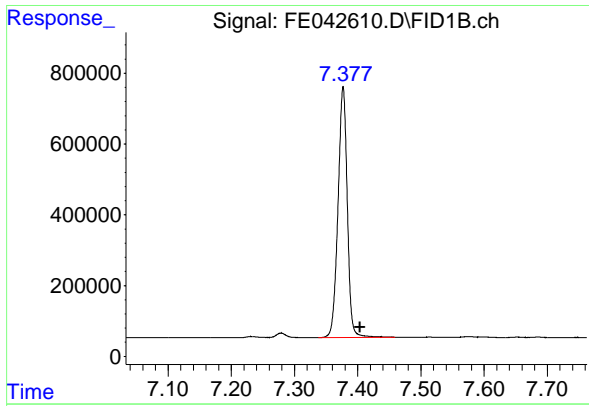
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min  
 Delta R.T.: -0.026 min  
 Response: 7357954  
 Conc: 45.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min  
 Delta R.T.: -0.028 min  
 Response: 7139315  
 Conc: 47.61 ug/ml



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

R.T.: 7.377 min  
 Delta R.T.: -0.027 min  
 Response: 7228886  
 Conc: 45.55 ug/ml

Instrument :

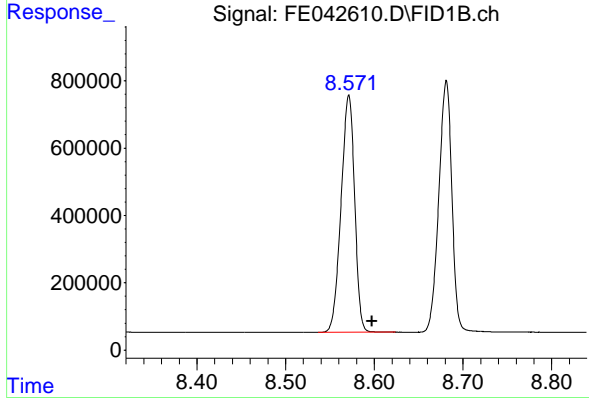
FID\_E

Client Sample Id :

PB153419BS

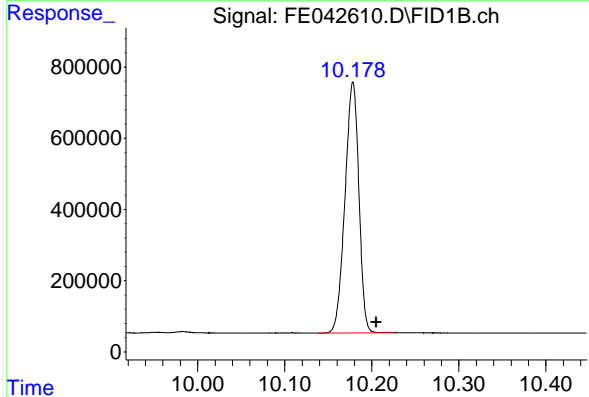
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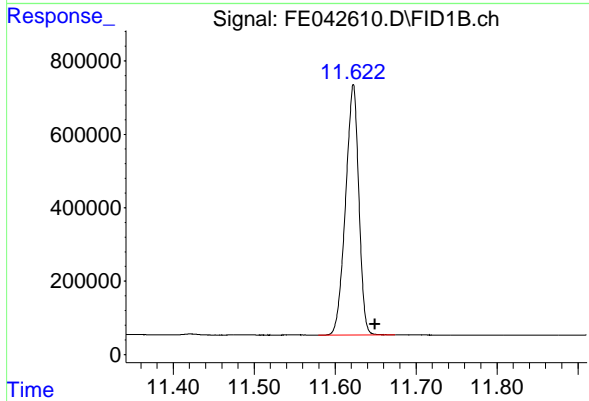
#6 n-Tetradecane (C14)

R.T.: 8.571 min  
 Delta R.T.: -0.026 min  
 Response: 7479637  
 Conc: 49.93 ug/ml



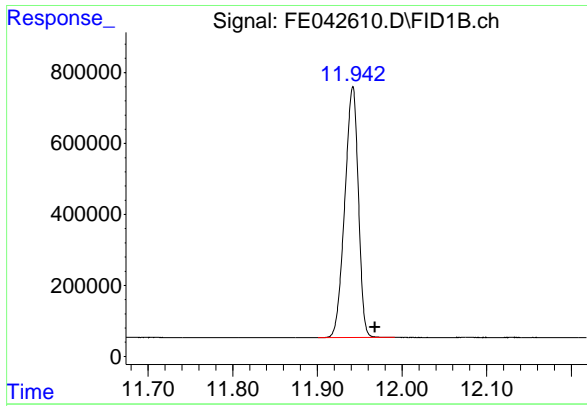
#7 n-Hexadecane (C16)

R.T.: 10.178 min  
 Delta R.T.: -0.027 min  
 Response: 7799099  
 Conc: 50.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min  
 Delta R.T.: -0.027 min  
 Response: 7762578  
 Conc: 49.09 ug/ml



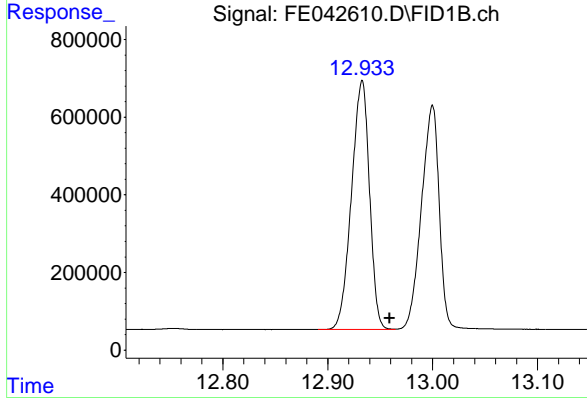
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min  
 Delta R.T.: -0.026 min  
 Response: 7872636  
 Conc: 44.58 ug/ml

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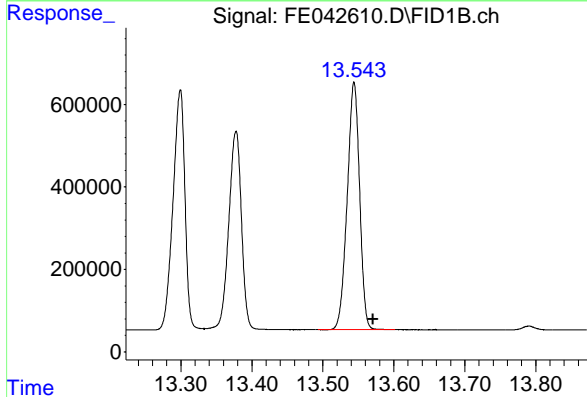
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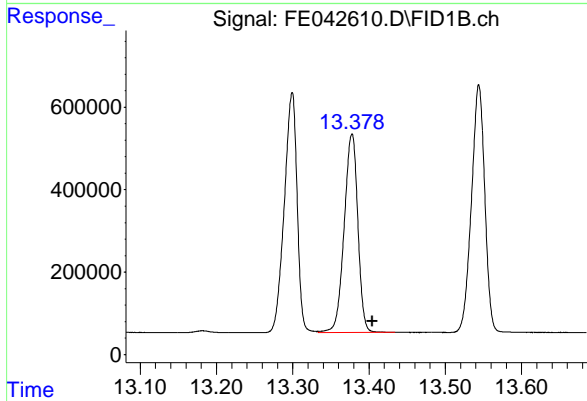
#10 n-Eicosane (C20)

R.T.: 12.933 min  
 Delta R.T.: -0.026 min  
 Response: 7646719  
 Conc: 50.45 ug/ml



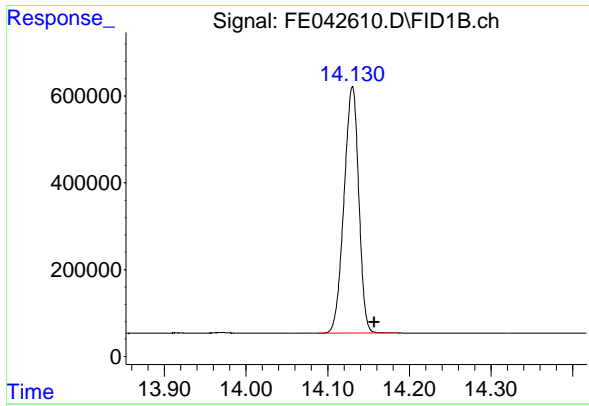
#11 n-Heneicosane (C21)

R.T.: 13.544 min  
 Delta R.T.: -0.027 min  
 Response: 7274786  
 Conc: 49.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min  
 Delta R.T.: -0.026 min  
 Response: 5999595  
 Conc: 45.15 ug/ml



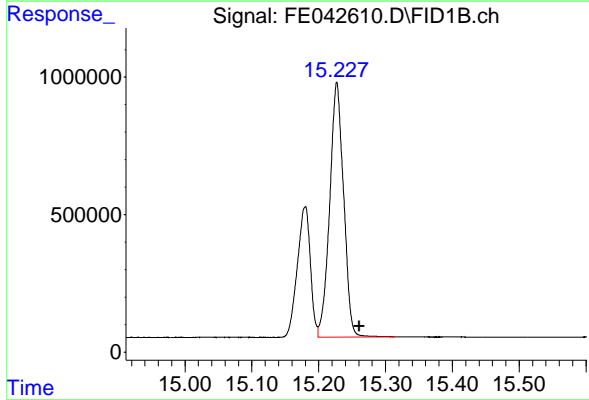
#13 n-Docosane (C22)

R.T.: 14.130 min  
 Delta R.T.: -0.027 min  
 Response: 7137735  
 Conc: 48.69 ug/ml

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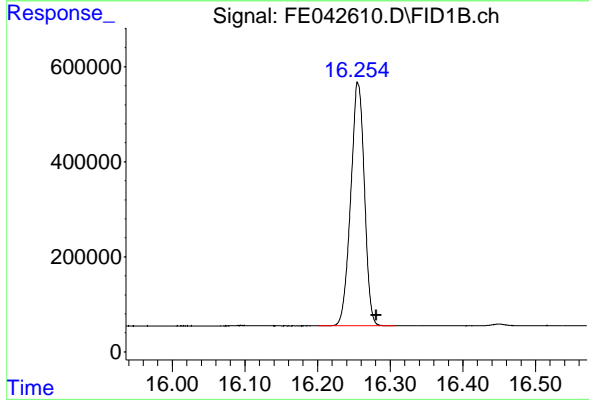
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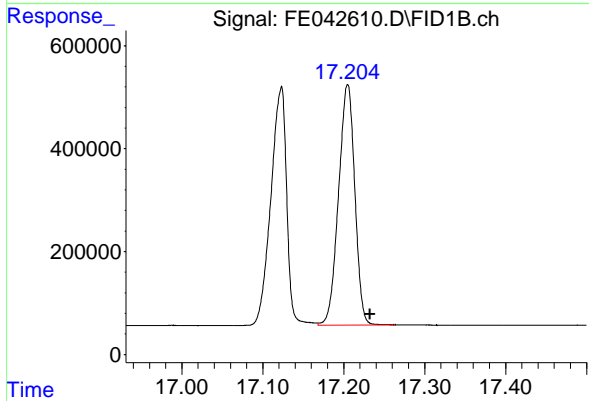
#14 n-Tetracosane (C24)

R.T.: 15.227 min  
 Delta R.T.: -0.034 min  
 Response: 13389995  
 Conc: 92.76 ug/ml



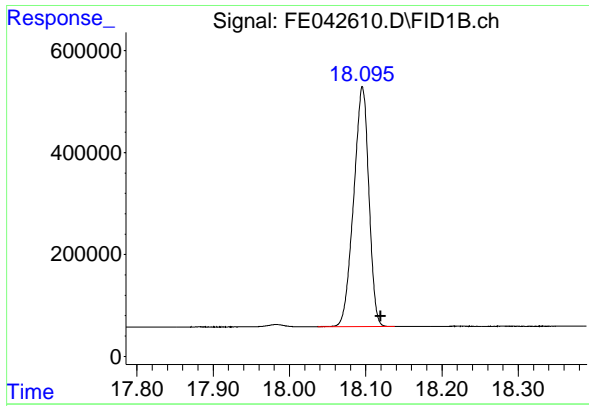
#15 n-Hexacosane (C26)

R.T.: 16.256 min  
 Delta R.T.: -0.025 min  
 Response: 6697165  
 Conc: 48.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min  
 Delta R.T.: -0.027 min  
 Response: 6524248  
 Conc: 48.73 ug/ml



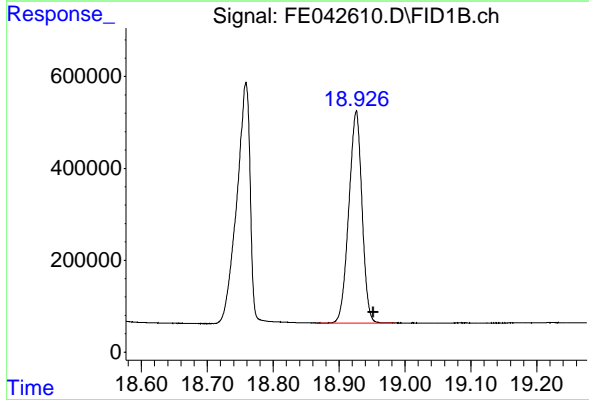
#17 n-Tricontane (C30)

R.T.: 18.096 min  
 Delta R.T.: -0.024 min  
 Response: 6518153  
 Conc: 48.29 ug/ml

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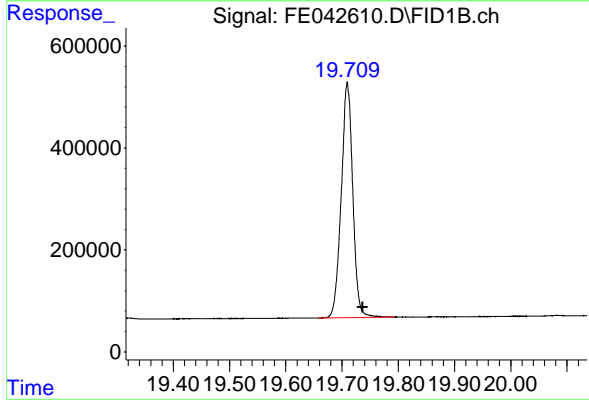
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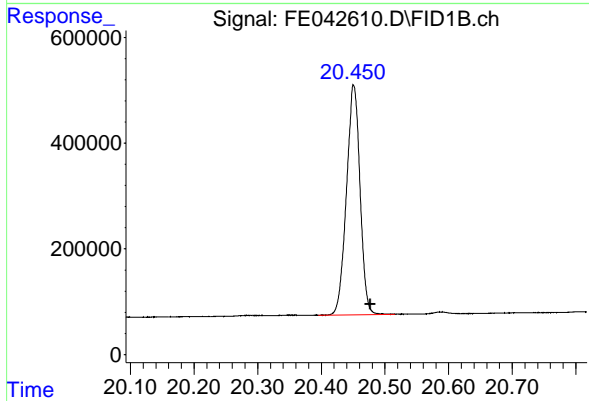
#18 n-Dotriacontane (C32)

R.T.: 18.926 min  
 Delta R.T.: -0.026 min  
 Response: 6411932  
 Conc: 48.00 ug/ml



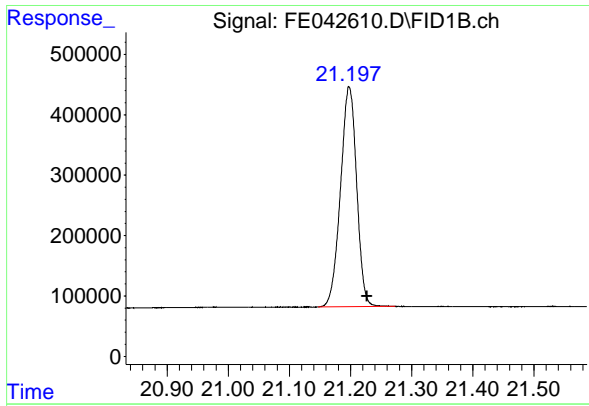
#19 n-Tetracontane (C34)

R.T.: 19.709 min  
 Delta R.T.: -0.027 min  
 Response: 6566436  
 Conc: 49.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min  
 Delta R.T.: -0.026 min  
 Response: 6439103  
 Conc: 49.54 ug/ml



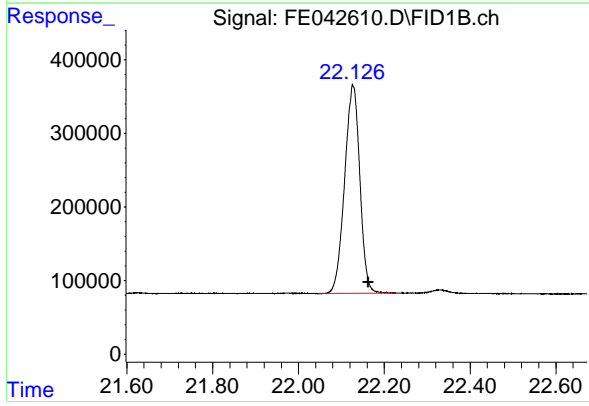
#21 n-Octatriacontane (C38)

R.T.: 21.197 min  
 Delta R.T.: -0.031 min  
 Response: 6693885  
 Conc: 49.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min  
 Delta R.T.: -0.036 min  
 Response: 6972530  
 Conc: 50.12 ug/ml