

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055659.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 11:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 05 01:24:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

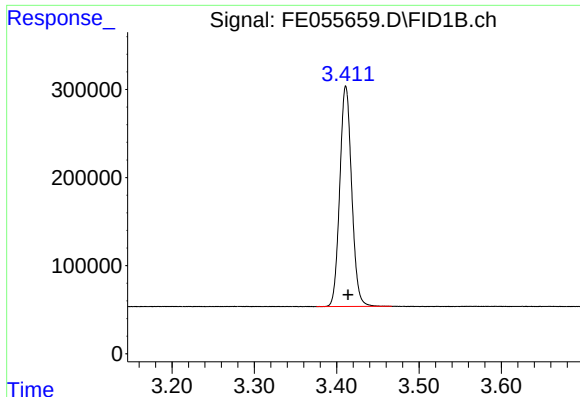
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.073	3386975	20.617 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.510	2549839	20.391 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.411	2513128	19.804 ug/ml
2) T n-Decane (C10)	4.670	2606220	20.346 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2962191	20.388 ug/ml
4) T n-Dodecane (C12)	6.846	2674630	20.541 ug/ml
5) T A~2-methylnaphthalene...	7.490	2875199	20.442 ug/ml
6) T n-Tetradecane (C14)	8.683	2712911	20.600 ug/ml
7) T n-Hexadecane (C16)	10.298	2870737	20.728 ug/ml
8) T n-Octadecane (C18)	11.747	3017592	20.688 ug/ml
10) T n-Eicosane (C20)	13.062	2974663	20.665 ug/ml
11) T n-Heneicosane (C21)	13.676	2941957	20.595 ug/ml
13) T n-Docosane (C22)	14.264	2966844	20.726 ug/ml
14) T n-Tetracosane (C24)	15.371	3010268	20.804 ug/ml
15) T n-Hexacosane (C26)	16.394	2958018	20.705 ug/ml
16) T n-Octacosane (C28)	17.348	2959696	20.808 ug/ml
17) T n-Tricontane (C30)	18.237	3100915	20.978 ug/ml
18) T n-Dotriacontane (C32)	19.071	3106188	21.163 ug/ml
19) T n-Tetratriacontane (C34)	19.857	2962046	20.965 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2734327	20.721 ug/ml
21) T n-Octatriacontane (C38)	21.375	2631569	20.206 ug/ml
22) T n-Tetracontane (C40)	22.361	2520284	19.653 ug/ml

(f)=RT Delta > 1/2 Window

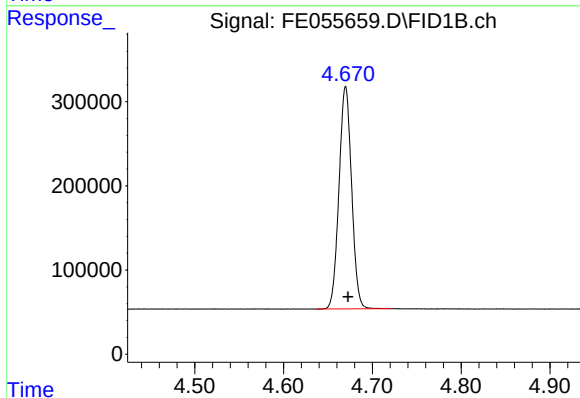
(m)=manual int.



#1 n-Nonane (C9)

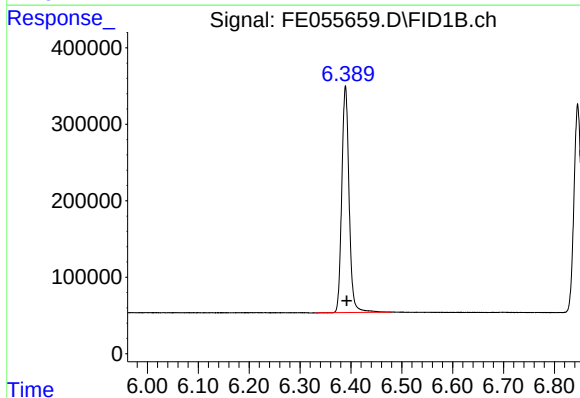
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2513128
Conc: 19.80 ug/ml

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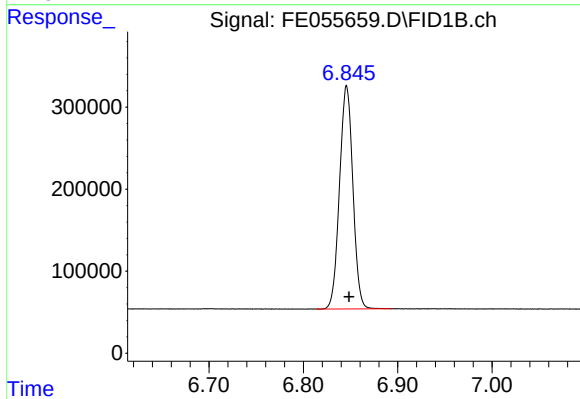
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2606220
Conc: 20.35 ug/ml



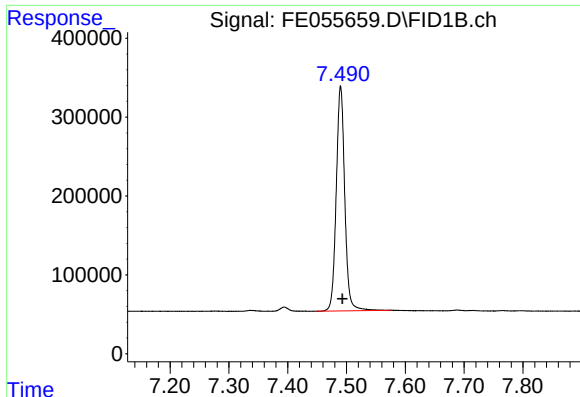
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 2962191
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

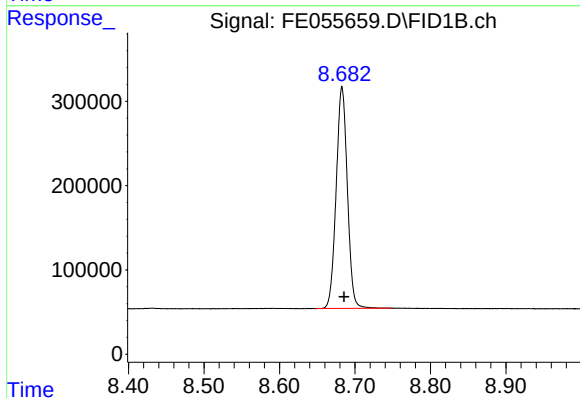
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 2674630
Conc: 20.54 ug/ml



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

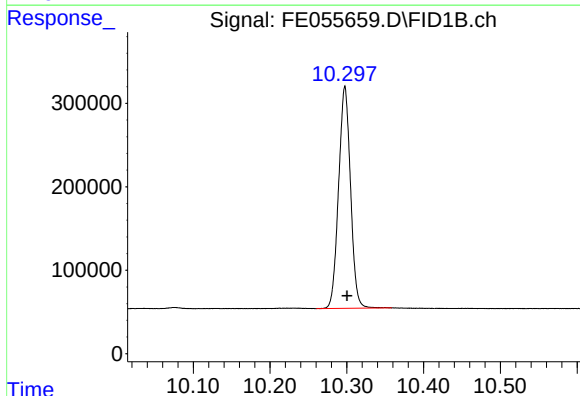
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 2875199
Conc: 20.44 ug/ml

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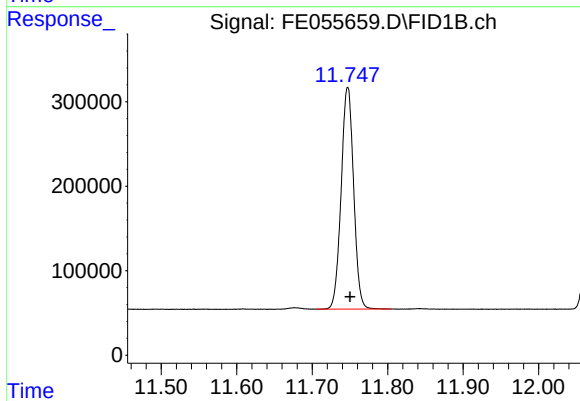
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 2712911
Conc: 20.60 ug/ml



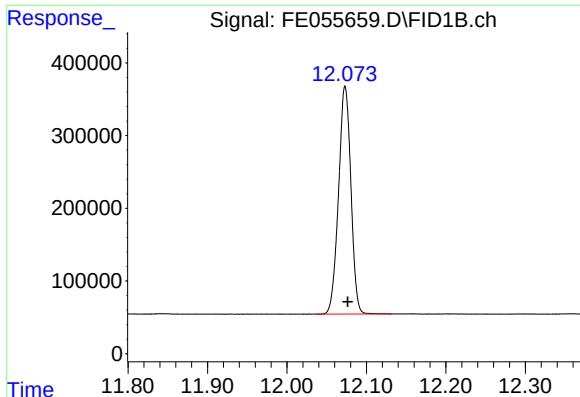
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.003 min
Response: 2870737
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

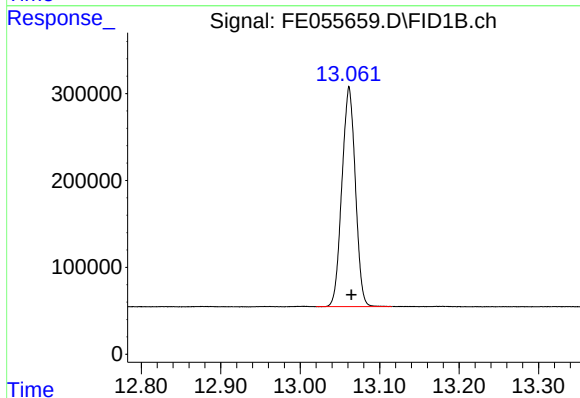
R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 3017592
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

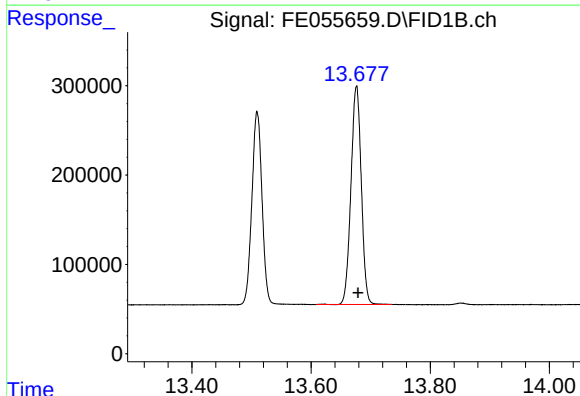
R.T.: 12.073 min
Delta R.T.: -0.003 min
Response: 3386975
Conc: 20.62 ug/ml

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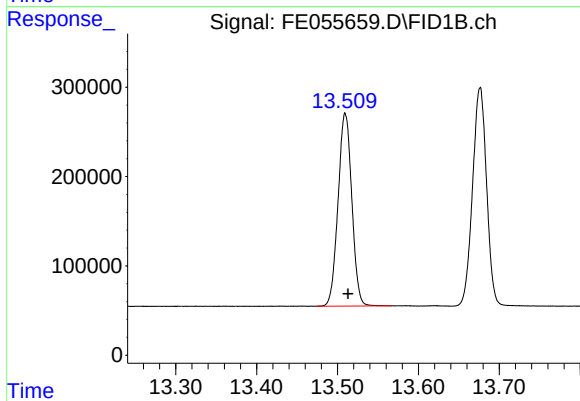
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.003 min
Response: 2974663
Conc: 20.67 ug/ml



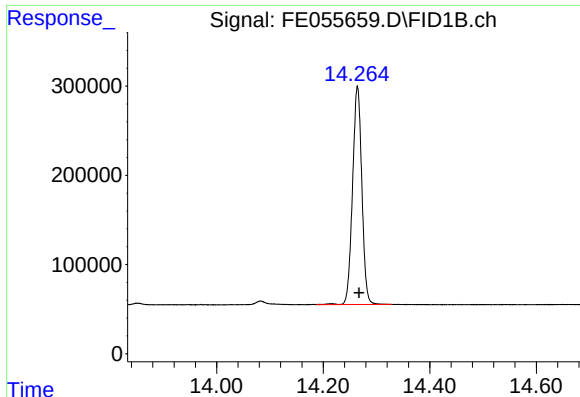
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.003 min
Response: 2941957
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

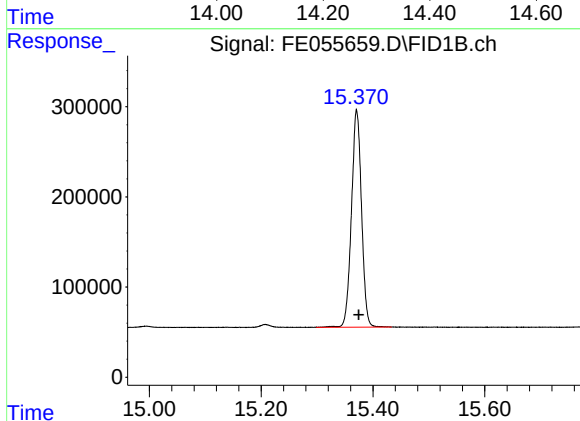
R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2549839
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

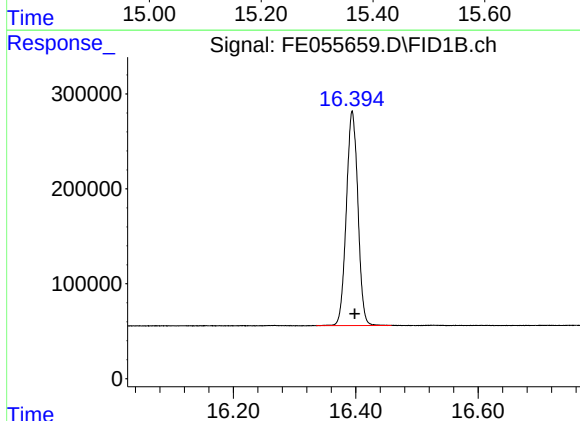
R.T.: 14.264 min
Delta R.T.: -0.003 min
Response: 2966844
Conc: 20.73 ug/ml

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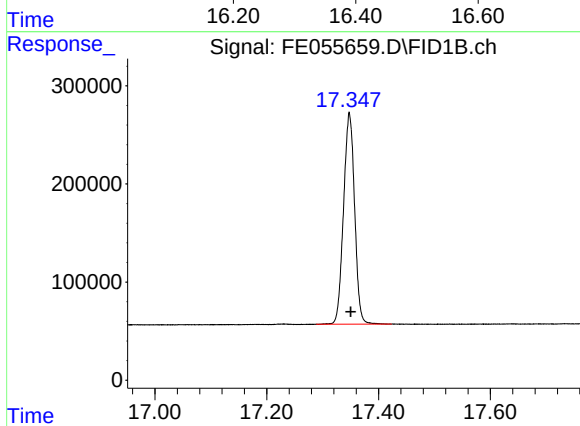
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.004 min
Response: 3010268
Conc: 20.80 ug/ml



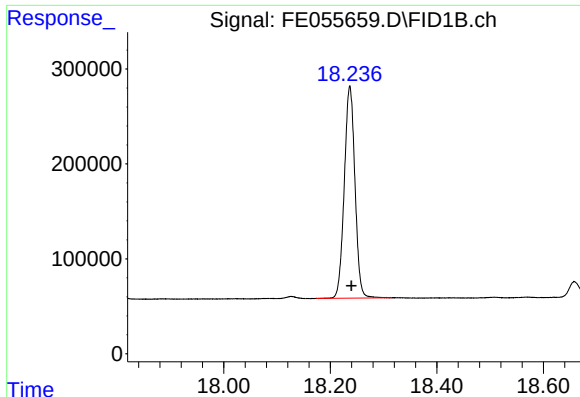
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: -0.004 min
Response: 2958018
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

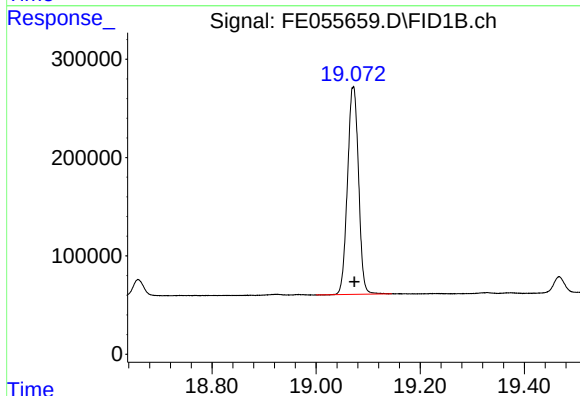
R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2959696
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

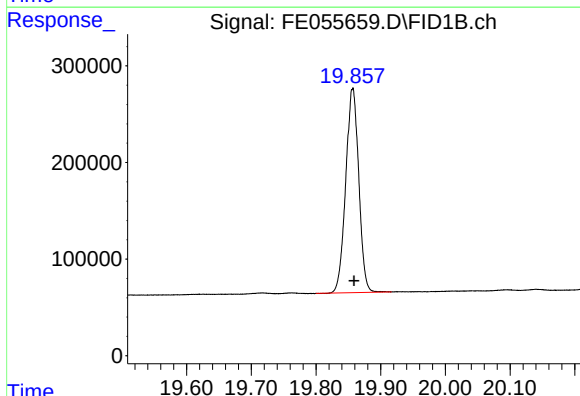
R.T.: 18.237 min
Delta R.T.: -0.003 min
Response: 3100915
Conc: 20.98 ug/ml

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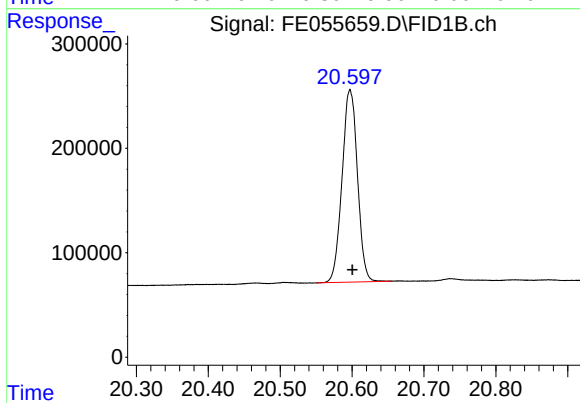
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.002 min
Response: 3106188
Conc: 21.16 ug/ml



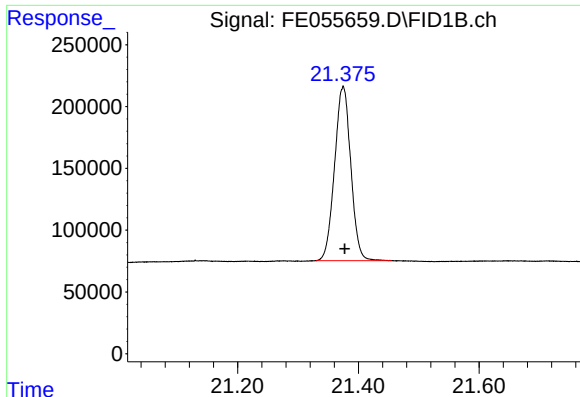
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 2962046
Conc: 20.97 ug/ml



#20 n-Hexatriacontane (C36)

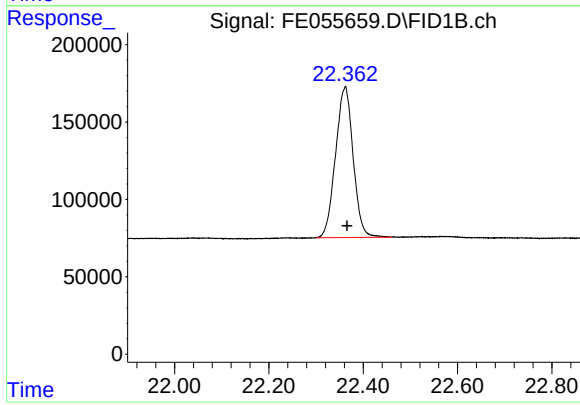
R.T.: 20.597 min
Delta R.T.: -0.003 min
Response: 2734327
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.375 min
Delta R.T.: -0.003 min
Response: 2631569
Conc: 20.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.004 min
Response: 2520284
Conc: 19.65 ug/ml